

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

|   |  |  |
|---|--|--|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>U-30096</b>                        |
| 1b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 6. IF INDIAN, ALOTTEE OR TRIBE NAME  |
| 2. NAME OF OPERATOR<br><b>Inland Production Company</b>   |  | 7. UNIT AGREEMENT NAME   |
| 3. ADDRESS OF OPERATOR<br><b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>  |  | 8. FARM OR LEASE NAME<br><b>Wells Draw</b>                                   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)<br>At Surface <b>SE/NW</b><br>At proposed Prod. Zone <b>1980' FNL &amp; 1980' FWL</b><br><b>603 603</b>         |  | 9. WELL NO.<br><b>#6-4</b>   |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br><b>12.3 Miles southwest of Myton, Utah</b>   |  | 10. FIELD AND POOL OR WILDCAT<br><b>Monument Butte</b>                       |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)<br><b>1980'</b>   | 16. NO. OF ACRES IN LEASE<br><b>602.24</b> | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 4, T9S, R16E</b> |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.<br><b>6500'</b>  | 19. PROPOSED DEPTH<br><b>6500'</b>         | 12. County<br><b>Duchesne</b>  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5720.8' GR</b>   |  | 13. STATE<br><b>UT</b>   |
| 22. APPROX. DATE WORK WILL START*<br><b>4th Quarter 1997</b>  |  |  |

**23. PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-------------|---------------|---------------------------|
| 12 1/4"      | 8 5/8"         | 24#         | 300'          | 120 sx                    |
| 7 7/8"       | 5 1/2"         | 15.5#       | TD            | 400 sx followed by 330 sx |
|              |                |             |               | See Detail Below          |

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.  
**SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl<sub>2</sub>, 1/4# /sk Flocele**

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

**LONG STRING - Lead: Hibond 65 Modified**

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Cheryl Cameron* TITLE Regulatory Compliance Specialist DATE 10/21/97  
**Cheryl Cameron**

(This space for Federal or State office use)

PERMIT NO. 43-013-31972 APPROVAL DATE \_\_\_\_\_

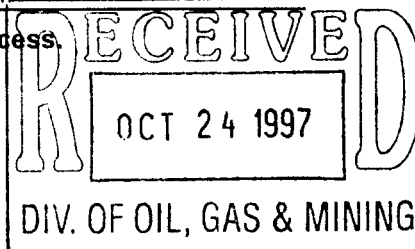
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *J. R. Baya* TITLE Associate Director Utah DOGM DATE 11/24/97

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



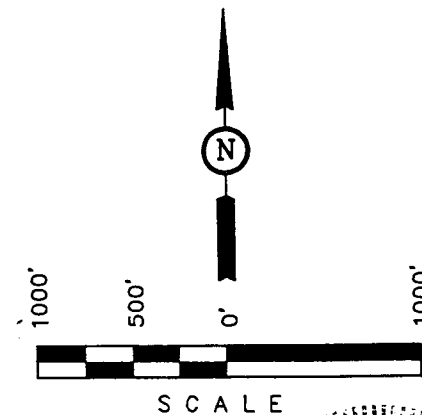
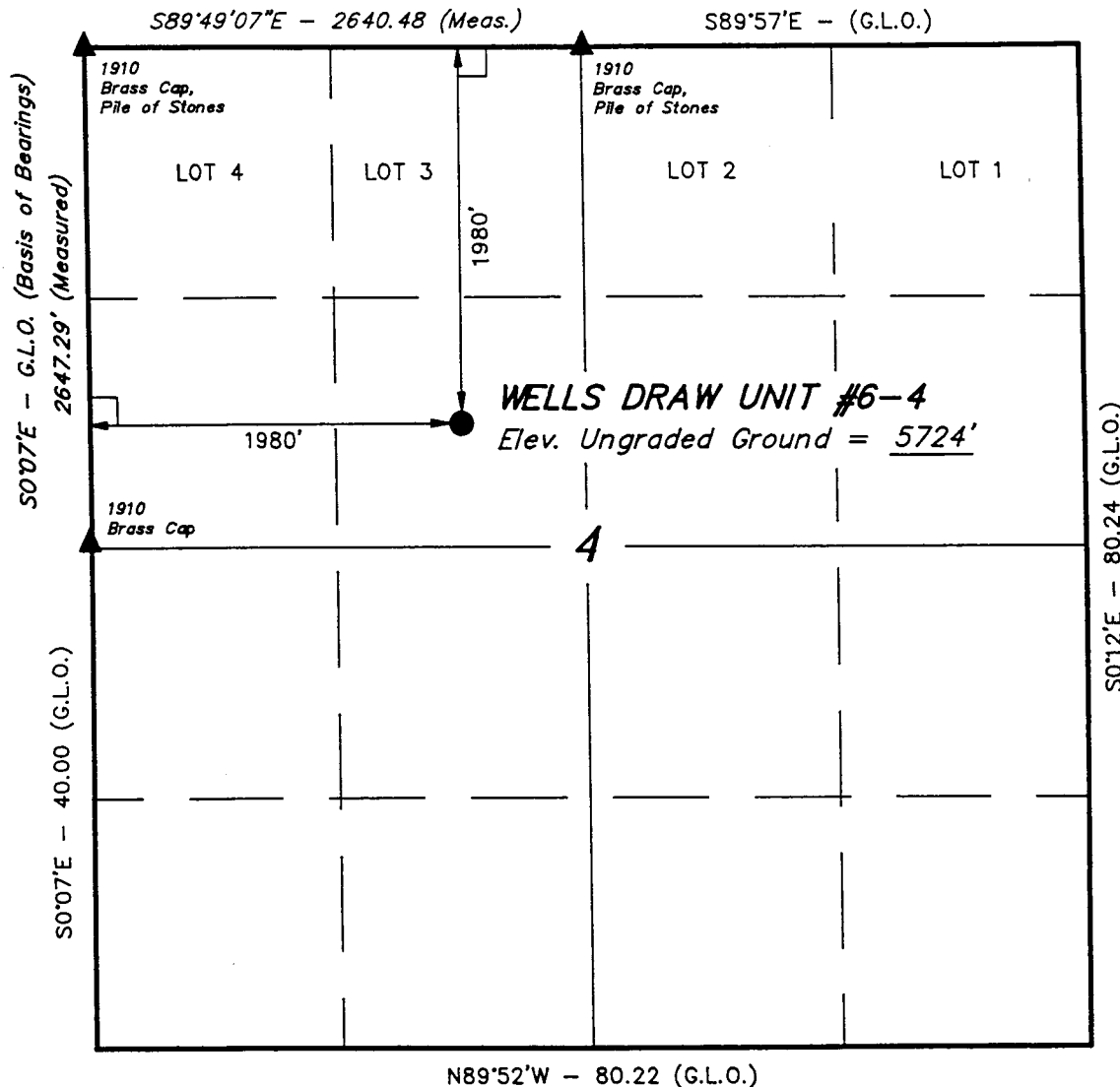
**T9S, R16E, S.L.B.&M.**

**INLAND PRODUCTION CO.**

Well location, WELLS DRAW UNIT #6-4, located as shown in the SE 1/4 NW 1/4 of Section 4, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

|                          |                               |                        |
|--------------------------|-------------------------------|------------------------|
| SCALE<br>1" = 1000'      | DATE SURVEYED:<br>7-22-97     | DATE DRAWN:<br>7-30-97 |
| PARTY<br>D.K. H.L. D.COX | REFERENCES<br>G.L.O. PLAT     |                        |
| WEATHER<br>WARM          | FILE<br>INLAND PRODUCTION CO. |                        |

**INLAND PRODUCTION COMPANY  
WELLS DRAW #6-4  
SE/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

|             |            |
|-------------|------------|
| Uinta       | 0' - 3050' |
| Green River | 3050'      |
| Wasatch     | 6500'      |

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3050' - 6500' - Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

## WELLS DRAW #6-4

### AIR DRILLING

In the event that the proposed Wells Draw 6-4 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

### **MUD PROGRAM**

### **MUD TYPE**

Surface - 320'

Air

320' - 4200'

Air/Mist & Foam

4200' - TD

The well will be drilled with fresh water through the Green River Formation @ 4200'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

### **7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

### **8. TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300'  $\pm$ , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'  $\pm$ . The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

### **9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

### **10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill.



**INLAND PRODUCTION COMPANY  
WELLS DRAW #6-4  
SE/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Wells Draw #6-4 located in the SE 1/4 NW 1/4 Section 4, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 53 - 6.3 miles to its junction with a dirt road to the southwest; proceed southwesterly 4.5 to its junction with a dirt road to the west; proceed 0.5 miles to the beginning of the access road, in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

The planned access road is approximately 0.2 miles  $\pm$  to the proposed location. See Topographic Map "B".

The proposed access road will be upgraded with an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

## **WELLS DRAW #6-4**

All construction material for this access road will be borrowed material accumulated during construction of the access road.

### **3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

### **4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

### **5. LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Wells Draw #6-4, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

### **6. SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

## WELLS DRAW #6-4

### 7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

### 9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the north between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the east corner, between stakes 5 & 7.

Access to the well pad will be from the west between stakes 2 & 3.

Corners # 4 & 8 will be rounded to avoid drainage.

## WELLS DRAW #6-4

### **Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

### **10. PLANS FOR RESTORATION OF SURFACE**

#### **a) *Producing Location***

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

#### **b) *Dry Hole Abandoned Location***

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

### **11. SURFACE OWNERSHIP - Bureau Of Land Management**

## WELLS DRAW #6-4

### 12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached.

#### ***Additional Surface Stipulations***

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### ***Hazardous Material Declaration***

Inland Production Company guarantees that during the drilling and completion Wells Draw #6-4 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Wells Draw #6-4, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

WELLS DRAW #6-4

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (801) 789-1866

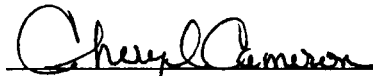
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #6-4 SE/NW Section 4, Township 9S, Range 16E: Lease #U-30096 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

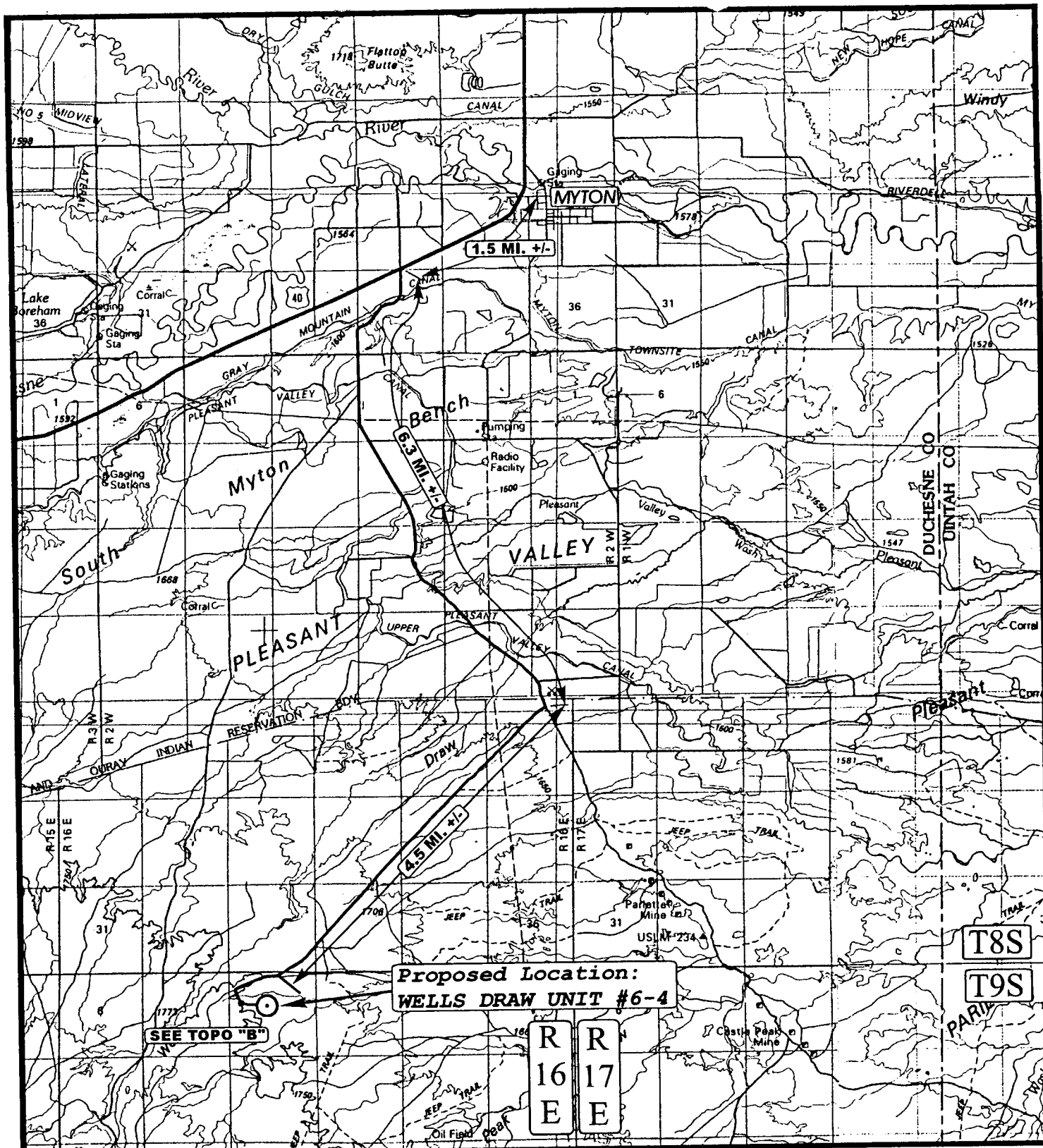
10/20/97

Date



Cheryl Cameron

Regulatory Compliance Specialist



# LEGEND:

PROPOSED LOCATION

**UCLS**

Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: ucls@casilink.com



INLAND PRODUCTION CO.

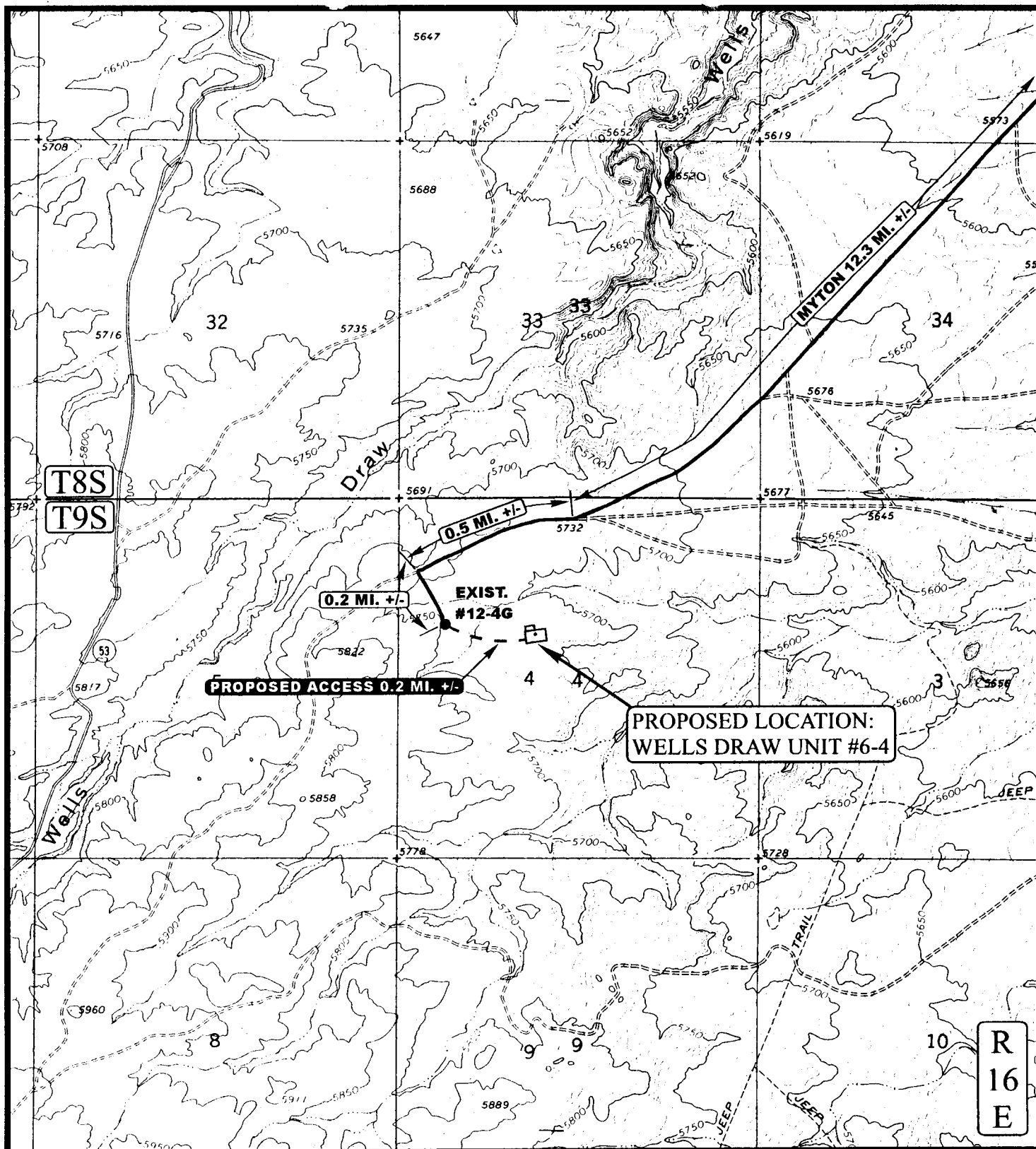
WELLS DRAW UNIT #6-4  
 SECTION 4, T9S, R16E, S.L.B.&M.  
 1980' FNL 1980' FWL

TOPOGRAPHIC  
 MAP

7 28 97  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00

**A**  
 TOPO



# LEGEND:

--- PROPOSED ACCESS ROAD  
— EXISTING ROAD

INLAND PRODUCTION CO.

WELLS DRAW UNIT #6-4  
SECTION 4, T9S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL

UCLS

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: [ucls@casilink.com](mailto:ucls@casilink.com)



**TOPOGRAPHIC**  
**MAP**

**7** **28** **97**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

**B**  
**TOPO**



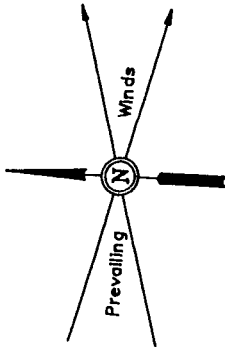




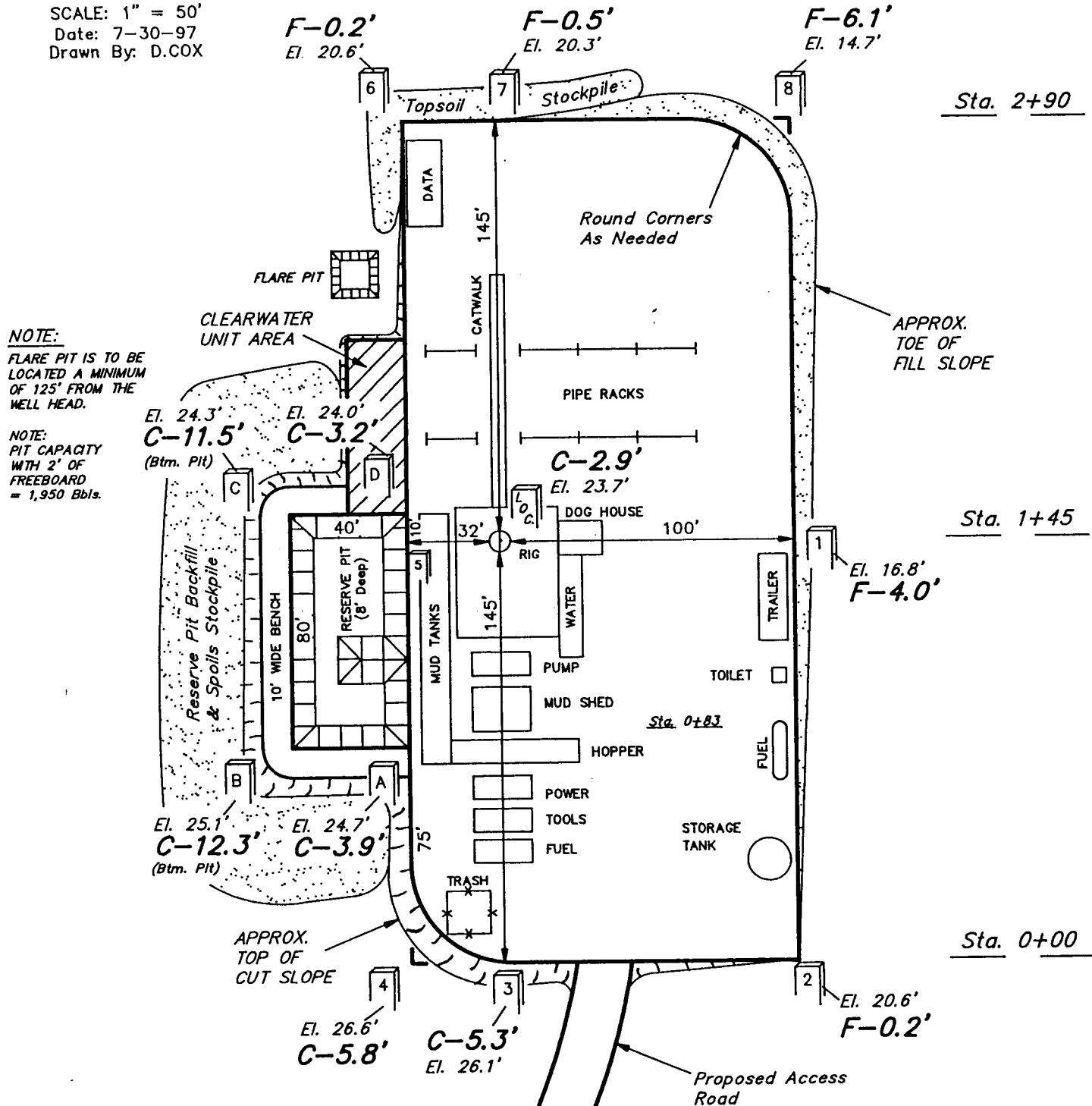
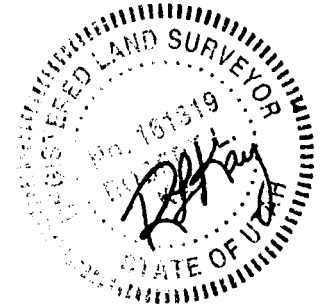
## INLAND PRODUCTION CO.

## LOCATION LAYOUT FOR

WELLS DRAW UNIT #6-4  
SECTION 4, T9S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL



SCALE: 1" = 50'  
Date: 7-30-97  
Drawn By: D.COX



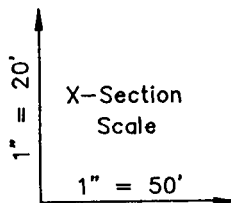
Elev. Ungraded Ground at Location Stake = 5723.7'  
Elev. Graded Ground at Location Stake = 5720.8'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

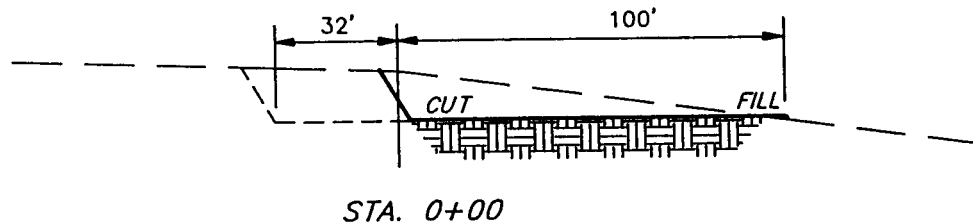
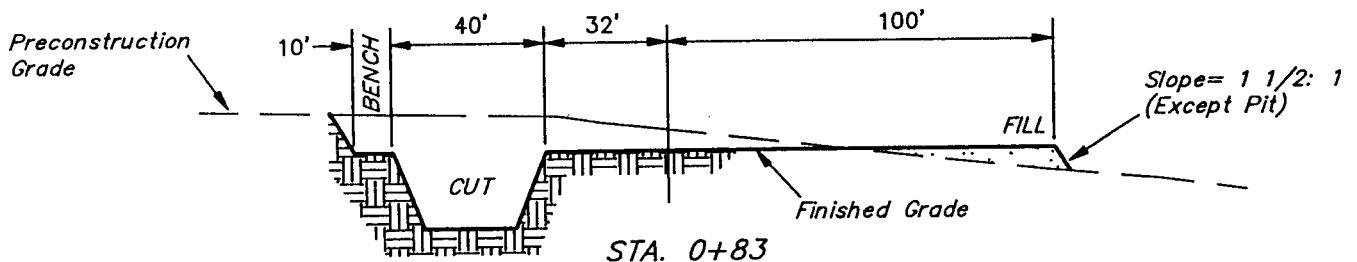
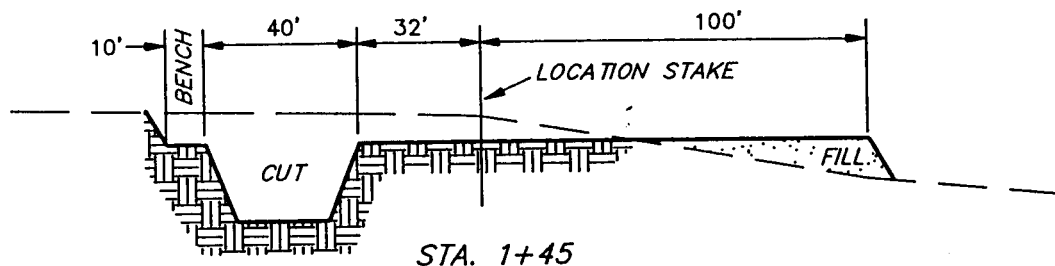
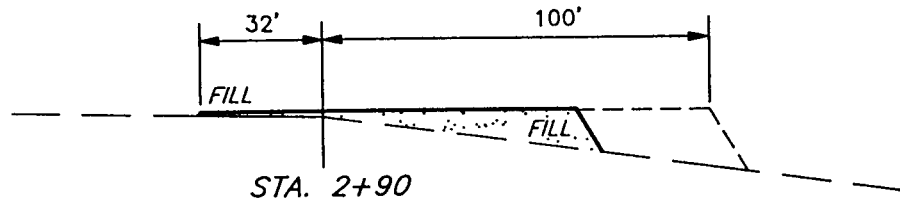
## INLAND PRODUCTION CO.

## TYPICAL CROSS SECTIONS FOR

WELLS DRAW UNIT #6-4  
SECTION 4, T9S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL



Date: 7-30-97  
Drawn By: D.COX



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE YARDAGES

|                        |                        |
|------------------------|------------------------|
| CUT                    |                        |
| (6") Topsoil Stripping | = 780 Cu. Yds.         |
| Remaining Location     | = 2,510 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 3,290 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 2,090 CU.YDS.</b> |

|  |                  |
|--|------------------|
| EXCESS MATERIAL AFTER<br>5% COMPACTION                   | = 1,090 Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Vol.)                 | = 1,090 Cu. Yds. |
| EXCESS MATERIAL After                                    | = 0 Cu. Yds.     |
| Reserve Pit is Backfilled &<br>Topsoil is Re-distributed |                  |

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

# EXHIBIT "F"

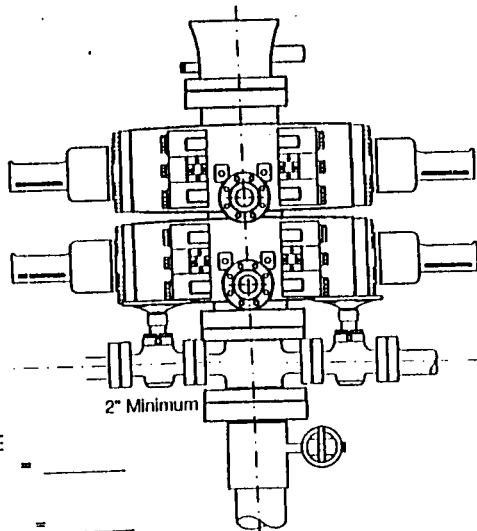
## 2-M SYSTEM

RAM TYPE B.O.P.

Make:

Size:

Model:



2" Minimum

GAL TO CLOSE

Annular BOP = \_\_\_\_\_

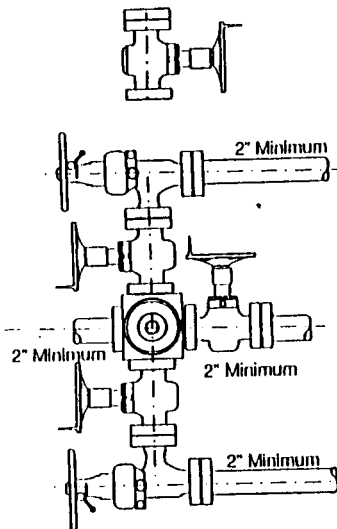
Ramtype BOP

\_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
increment of 10 gal. would require  
\_\_\_\_\_ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/24/97

API NO. ASSIGNED: 43-013-31972

WELL NAME: WELLS DRAW 6-4  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SENW 04 - T09S - R16E  
SURFACE: 1980-FNL-1980-FWL  
BOTTOM: 1980-FNL-1980-FWL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U - 30096

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

| TECH REVIEW | Initials | Date |
|-------------|----------|------|
| Engineering |          |      |
| Geology     |          |      |
| Surface     |          |      |

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 443894H)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number GILSONITE STATE 7-32)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

☐ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
☐ R649-3-3. Exception.  
☐ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_



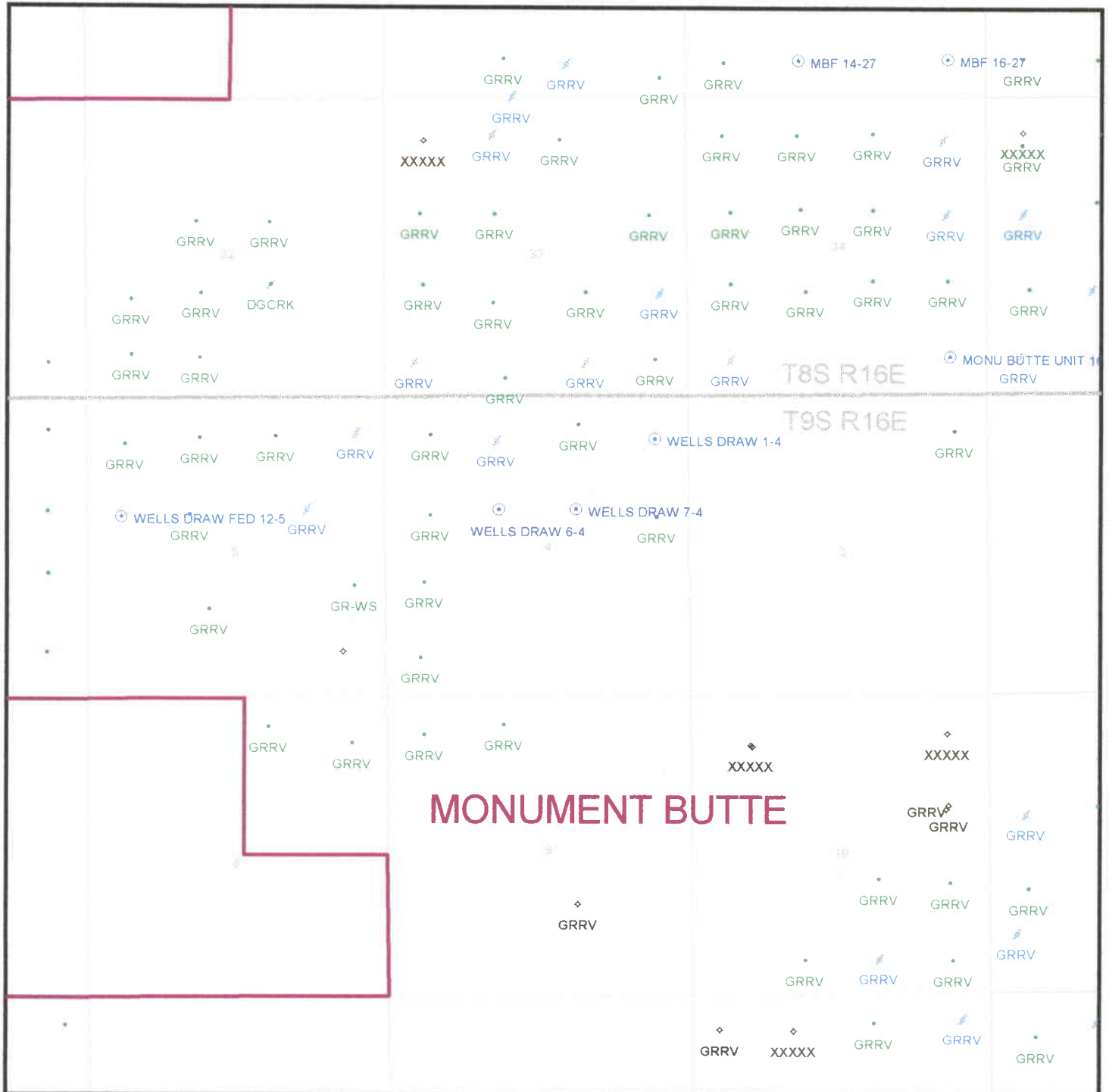
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION CO. (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP, RNG: SEC. 4, T9S, R16E

COUNTY: DUCHESNE UAC: R649-3-2



DATE PREPARED:  
29-OCT-1997

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**See Attached**

## 5. Lease Designation and Serial No.

**See Attached**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

## 8. Well Name and No.

**See Attached**

## 9. API Well No.

## 10. Field and Pool, or Exploratory Area

**Monument Butte**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

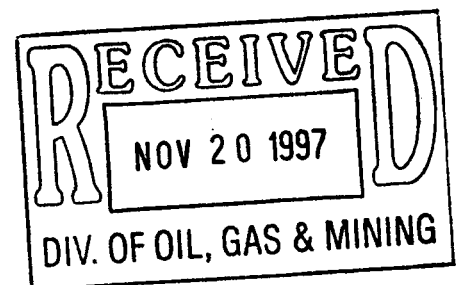
## TYPE OF ACTION

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment     | <input checked="" type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion    | <input type="checkbox"/> New Construction           |
| <input type="checkbox"/> Plugging Back   | <input type="checkbox"/> Non-Routine Fracturing     |
| <input type="checkbox"/> Casing repair   | <input type="checkbox"/> Water Shut-off             |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection    |
| <input type="checkbox"/> Other _____     | <input type="checkbox"/> Dispose Water              |

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Inland Production Company requests authorization to increase the size of the reserve pit(s), from 80' X 40' X 8' deep, to 90' X 40' X 8' deep, in order to help contain fluids in the pits, and to help eliminate traffic around the locations, for the following locations that have been submitted for APD approval, listed on the enclosed attachment.**



## 14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**Date **11/14/97**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**



**The following locations were originally permitted for the reserve pit size to be 80' X 40' X 8' deep. Inland requests that the reserve pit (s) be enlarged to 90' X 40' X 8' deep:**

| <u>Lease No.</u> | <u>Name</u>               | <u>Legal Description</u> |
|------------------|---------------------------|--------------------------|
| U-74390          | Nine Mile #14-7           | SE/SW Sec. 7, T9S, R16E  |
| U-74390          | Nine Mile #15-7           | SW/SE Sec. 7, T9S R16E   |
| U-74390          | Nine Mile #4-6            | NW/NW Sec. 6, T9S, R16E  |
| U-74390          | Nine Mile #13-6           | SW/SW Sec. 6, T9S, R16E  |
| U-74390          | Nine Mile #5-6            | SW/NW Sec. 6, T9S, R16E  |
| U-30096          | Wells Draw #1-4           | NE/NE Sec. 4, T9S, R16E  |
| U-30096          | Wells Draw #7-4           | SW/NE Sec. 4, T9S R16E   |
| U-30096          | Wells Draw #6-4           | SE/NW Sec. 4, T9S, R16E  |
| U-47171          | Wells Draw #14A-34        | SE/SW Sec. 34, T8S, R16E |
| U-74869          | Tar Sands Federal #9-29   | NE/SE Sec. 29, T8S R17E  |
| U-76241          | Tar Sands Federal #12-28  | NW/SW Sec. 28, T8S, R17E |
| U-76240          | Pariette Draw # 8-22      | SE/NE Sec. 22, T8S, R17E |
| U-76240          | Pariette Draw #9-22       | NE/SE Sec. 22, T8S R17E  |
| U-44426          | Jonah #6-7                | SE/NW Sec. 7, T9S, R17E  |
| U-44426          | Jonah #7-7                | SW/NE Sec. 7, T9S, R17E  |
| U-44426          | Jonah #8-7                | SE/NE Sec. 7, T9S, R17E  |
| U-74805          | S. Pleasant Valley #11-15 | NE/SW Sec. 15, T9S, R17E |
| U-74805          | S. Pleasant Valley #5-15  | SW/NW Sec. 15, T9S, R17E |
| U-74805          | S. Pleasant Valley #15-15 | SW/SE Sec. 15, T9S R17E  |
| U-34346          | Hawkeye #9-23             | NE/SE Sec. 23, T8S, R16E |
| U-34346          | Hawkeye #10-23            | NW/SE Sec. 23, T8S, R16E |
| U-34346          | Hawkeye #14-23            | SE/SW Sec. 23, T8S, R16E |



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

November 24, 1997

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

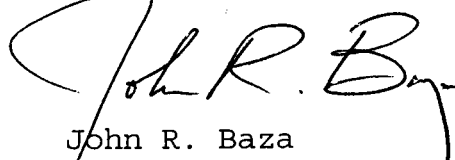
Re: Wells Draw 6-4 Well, 1980' FNL, 1980' FWL, SE NW, Sec. 4,  
T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31972.

Sincerely,

  
John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: Wells Draw 6-4  
API Number: 43-013-31972  
Lease: U-30096  
Location: SE NW Sec. 4 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐  
 1b. TYPE OF WELL  
 OIL ☐ GAS ☐ SINGLE ☐ MULTIPLE ☐  
 WELL ☒ WELL ☐ OTHER ☐ ZONE ☐ ZONE ☐

2. NAME OF OPERATOR  
**Inland Production Company**  
 3. ADDRESS OF OPERATOR  
**P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866**  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At Surface **SE/NW**  
 At proposed Prod. Zone **1980' FNL & 1980' FWL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**12.3 Miles southwest of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY  
 OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**1980'**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL,  
 DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE  
**602.24**

19. PROPOSED DEPTH  
**6500'**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

20. ROTARY OR CABLE TOOLS  
**Rotary**

22. APPROX. DATE WORK WILL START\*  
**4th Quarter 1997**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5720.8' GR**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-------------|---------------|---------------------------|
| 12 1/4"      | 8 5/8"         | 24#         | 300'          | 120 sx                    |
| 7 7/8"       | 5 1/2"         | 15.5#       | TD            | 400 sx followed by 330 sx |
|              |                |             |               | See Detail Below          |

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

**SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl<sub>2</sub>, 1/4# /sk Flocele**

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

**LONG STRING - Lead: Hibond 65 Modified**

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **Regulatory**  
 SIGNED Cheryl Cameron TITLE Compliance Specialist DATE 10/21/97  
**Cheryl Cameron**

(This space for Federal or State office use)

**NOTICE OF APPROVAL**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

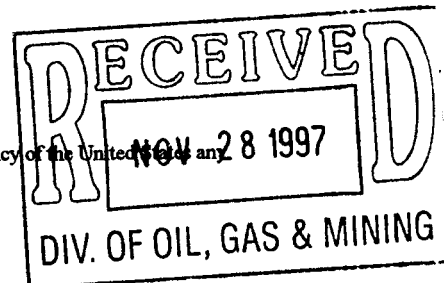
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Mark D. Clearing TITLE Assistant Field Manager DATE NOV 24 1997  
Mineral Resources

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company

Well Name & Number: Wells Draw 6-4

API Number: 43-013-31972

Lease Number: U-30096

Location: SE 4 16 E Sec. 04 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at **± 1220 ft.** If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to **± 1020 ft.** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.



Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

Jerry Kenczka           (801) 789-1190  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM**  
Conditions of Approval (COAs)

**Location Reclamation**

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness. Stockpile enough topsoil near the reserve pit so that when the reserve pit is reclaimed, this can be respread over the reserve pit location.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by drilling with the following seed mixture:

|                   |                        |            |
|-------------------|------------------------|------------|
| globemallow       | Spheralcea coccinea    | 2 lbs/acre |
| Shadscale         | Atriplex confertifolia | 3 lbs/acre |
| Fourwing saltbush | Atriplex canescens     | 4 lbs/acre |
| Galleta           | Haliaria jamesii       | 3 lbs/acre |

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Upon final abandonment if additional recontouring is needed for these areas, the topsoil shall be removed prior to the final recontouring.

Recontour all disturbed areas to blend in appearance with the surrounding terrain.

All topsoil shall be spread over the recontoured surface.

**Mountain Plover**

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

| Starting Date of Construction or Drilling Activity | Number of Surveys |
|--|-------------------|
| From March 15 through April 15                     | 1                 |
| From April 16 through July 15                      | 2                 |
| From July 16 through August 15                     | 1                 |

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: WELLS DRAW 6-4

Api No. 43-013-31972

Section 4 Township 9S Range 16E County DUCHESNE

Drilling Contractor FOUR CORNERS

Rig # 6

SPUDDED:

Date 1/10/98

Time

How ROTARY

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 1/8/98 Signed: JLT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**WELLS DRAW 6-4**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

*SUBMIT IN TRIPLICATE*

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Surface Spud

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRU ZCM Drilling. Drl 12-1/4" sfc hole to 60'. Spud well @ 4:00 pm, 1/7/98. Drl 12-1/4" sfc hole 60' - 305'. LD DP & Hammer. Run 5-1/2" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg (290'). Csg set @ 290'. RD. RU Halliburton. Pmp 10 bbl dye wtr & 20 bbl gel. Cmt w/720 sx Premium Plus w/2% CC, 2% gel, 1/2#/sk flocele (14.8 ppg 1.37 cf/sk yield). Had 6 bbl cmt returns. Level held at sfc. RD Halliburton. Drl mouse & rat hole for Four Corners #6. RDMO.

14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 1/16/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**WELLS DRAW 6-4**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH****SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

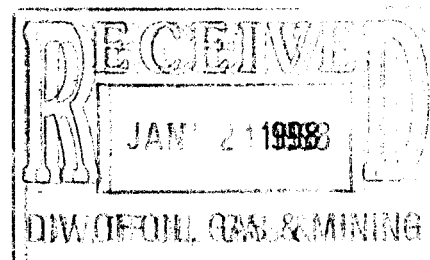
**1980 FNL 1980 FWL      SE/NW Section 4, T09S R16E**12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**
☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice
**TYPE OF ACTION**
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status**
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 1/8/98 - 1/14/98**

MIRU Four Corners #6. NU. Test lines, valves, rams & manifold to 2000 psi, annular preventer & csg to 1500 psi. GIH w/BHA. Drl plug, cmt & GS. Spud rotary rig @ 10:00 pm, 1/10/98. Drl & srvy 317' - 5418'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/16/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 1980 FWL SE/NW Section 4, T09S R16E

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

WELLS DRAW 6-4

9. API Well No.

43-013-31972

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
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☐ Change of Plans  
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☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

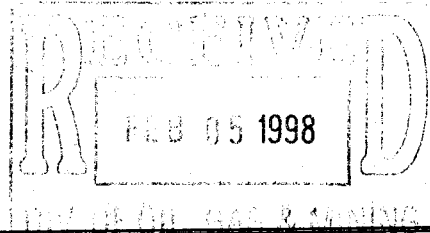
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 1/15/98 - 1/21/98**

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 5418' - 6025'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 140 jt 5-1/2", 15.5#, J-55, LT & C csg (5997'). Csg set @ 6007'. RD Casers. RU Halliburton. Fill csg. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/380 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & tailed w/365 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/2700 psi @ 4:28 pm, 1/15/98. Had trace of cmt to sfc. RD Halliburton. Washout & ND BOP's. Set slips w/80,000#, dump & clean pits. Rig released @ 7:30 pm, 1/15/98. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/22/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. H5160

| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME  | WELL LOCATION |    |    |    |        | SPUD DATE | EFFECTIVE DATE |          |
|---|--------------------|----------------|--------------|--|---------------|----|----|----|--------|-----------|----------------|----------|
|   |                    |                |              |  | QQ            | SC | TP | RG | COUNTY |           |                |          |
| A   | 99999              | 12281          | 43-013-31942 | Sand Wash 9-29-8-17<br><del>Tan Sands Folland 9-29</del> | NW            | SE | 29 | 85 | 17E    | Duchesne  | 12/11/97       | 12/10/97 |
| WELL 1 COMMENTS:<br>Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97<br>Entities added 2-10-98: Lec |                    |                |              |  |               |    |    |    |        |           |                |          |
|   | 99999              | 12282          | 43-013-31952 | Nine Mile 4-6  | NW            | NW | 6  | 95 | 16E    | Duchesne  | 12/18/97       | 01/01/97 |
| WELL 2 COMMENTS:<br>Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.                                   |                    |                |              |  |               |    |    |    |        |           |                |          |
| A   | 99999              | 12283          | 43-013-31943 | Sand Wash 12-28-8-17<br><del>Tan Sands 12-28</del>       | NW            | SW | 28 | 85 | 17E    | Duchesne  | 12/20/97       | 12/20/97 |
| WELL 3 COMMENTS:<br>Spud well w/ Union #7 @ 12:30 pm, 12/20/97                                    |                    |                |              |  |               |    |    |    |        |           |                |          |
| A   | 99999              | 12284          | 43-013-31954 | Nine Mile 13-6-9-16                                      | SW            | SW | 6  | 95 | 16E    | Duchesne  | 1/1/98         | 1/1/98   |
| WELL 4 COMMENTS:<br>Spud well w/ Four Corner Leon Ross @ 8:15 am 1/1/98.                          |                    |                |              |  |               |    |    |    |        |           |                |          |
|   | 99999              | 12285          | 43-013-31972 | Wells Draw 6-4   | SW            | NW | 4  | 95 | 16E    | Duchesne  | 1/7/98         | 1/7/98   |
| WELL 5 COMMENTS:<br>Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98                                   |                    |                |              |  |               |    |    |    |        |           |                |          |

DITION COPIES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Technician 2/9/98  
Title Date

Phone No. 303, 376-8107

No. 2265 P. 2

INI AND RESOURCES-  
Feb. 9, 1998 4:50PM

Feb. 9, 1998 4:50PM

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. N5160

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME      | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------|---------------|----|----|-----|----------|-----------|----------------|
|             |                    |                |              |                | QQ            | SC | TF | RG  | COUNTY   |           |                |
| A           | 99999              | 12286          | 43-013-31773 | Nine Mile 10-7 | NW 1/4        | 7  | 9S | 16E | Duchesne | 12/1/97   | 12/1/97        |

WELL 1 COMMENTS:

Spud well w/Four Corners #6 @ 9:00 pm, 12/1/97.

|   |       |       |              |                |        |   |    |     |          |         |         |
|---|-------|-------|--------------|----------------|--------|---|----|-----|----------|---------|---------|
| A | 99999 | 12287 | 43-013-31803 | Nine Mile 15-7 | SW 1/4 | 7 | 9S | 16E | Duchesne | 12/2/97 | 12/2/97 |
|---|-------|-------|--------------|----------------|--------|---|----|-----|----------|---------|---------|

WELL 2 COMMENTS:

Spud well w/Leon Ross @ 2:45 pm, 12/2/97.

|  |       |       |                         |                 |        |   |    |     |          |          |          |
|--|-------|-------|-------------------------|-----------------|--------|---|----|-----|----------|----------|----------|
|  | 99999 | 12275 | <del>43-013-31804</del> | Castle Draw 1-2 | SW 1/4 | 2 | 9S | 16E | Duchesne | 11/25/97 | 11/25/97 |
|--|-------|-------|-------------------------|-----------------|--------|---|----|-----|----------|----------|----------|

WELL 3 COMMENTS:

43-047-32843 Entity previously added.  
Spud well w/Union rig #7 @ 6:30 pm, 11/25/97.

|  |       |       |                         |                 |        |   |    |     |          |         |         |
|--|-------|-------|-------------------------|-----------------|--------|---|----|-----|----------|---------|---------|
|  | 99999 | 12275 | <del>43-013-31804</del> | Castle Draw 8-2 | SE 1/4 | 2 | 9S | 16E | Duchesne | 12/3/97 | 12/3/97 |
|--|-------|-------|-------------------------|-----------------|--------|---|----|-----|----------|---------|---------|

WELL 4 COMMENTS:

43-047-32842 Entity previously added.  
Spud well w/Union rig #7 @ 10:45 pm, 12/3/97.

|  |       |       |              |                    |        |   |    |     |          |         |         |
|--|-------|-------|--------------|--------------------|--------|---|----|-----|----------|---------|---------|
|  | 99999 | 12288 | 43-013-31953 | Nine Mile S-6-7-10 | SW 1/4 | 6 | 9S | 16E | Duchesne | 12/7/97 | 12/7/97 |
|--|-------|-------|--------------|--------------------|--------|---|----|-----|----------|---------|---------|

WELL 5 COMMENTS:

Spud well w/Leon Ross @ 9:00 am, 12/7/97.

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Technician 2/9/98  
Title Date

Phone No. (303) 376-8107

No. 2265 P. 3

TIME AND RESOURCES- 4:50PM

Feb. 9, 1998 J/B9)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. H5160

| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                                | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|--------------|--|---------------|----|----|-----|----------|-----------|----------------|
|   |                    |                |              |  | QQ            | SC | TP | RG  | COUNTY   |           |                |
| A   | 99999              | 12289          | 43-013-31719 | Nine Mile 6-6                            | SW            | 6  | 9S | 16E | Duchesne | 11/6/97   | 11/6/97        |
| WELL 1 COMMENTS:<br>Spud well w/Four Corners rig #6 @ 9:30 pm, 11/6/97. |                    |                |              |  |               |    |    |     |          |           |                |
|   | 99999              | 12290          | 43-013-31776 | Nine Mile 6-7                            | SE            | 7  | 9S | 16E | Duchesne | 11/10/97  | 11/10/97       |
| WELL 2 COMMENTS:<br>Spud well w/Leon Ross @ 4:00 pm 11/10/97.           |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12291          | 43-013-31777 | Nine Mile 5-7                            | SW            | 7  | 9S | 16E | Duchesne | 11/16/97  | 11/16/97       |
| WELL 3 COMMENTS:<br>Spud well w/Leon Ross @ 1:00 pm 11/16/97.           |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12292          | 43-013-31778 | Nine Mile 7-7                            | SW            | 7  | 9S | 16E | Duchesne | 11/20/97  | 11/20/97       |
| WELL 4 COMMENTS:<br>Spud well w/Leon Ross @ 11:45 11/20/97.             |                    |                |              |  |               |    |    |     |          |           |                |
|   | 99999              | 12293          | 43-013-31990 | MBFNE 11-24-8-16<br>Monument Butte 11-24 | NE            | 24 | 8S | 16E | Duchesne | 11/17/97  | 11/17/97       |
| WELL 5 COMMENTS:<br>Spud well w/Union rig #7 @ 3:00 AM 11/17/97.        |                    |                |              |  |               |    |    |     |          |           |                |

- NOTE: CONES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
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TE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Technician 2/9/98  
Title Date

Phone No. 303, 376-8107

893-0162

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

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**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**WELLS DRAW 6-4-9-16**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH****SUBMIT IN TRIPLICATE**

1. Type of Well

Oil  
WellGas  
Well

Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T09S R16E**12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

Notice of Intent



Subsequent Report



Final Abandonment Notice

**TYPE OF ACTION**

Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing

Other Weekly Status

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

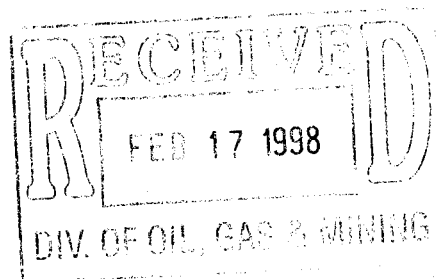
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 1/29/98 - 2/4/98**

Perf LDC sds @ 5511-17', 5522-32' &amp; 5549'-69'.

Perf A sds @ 5328-36'.

Perf D/C sds @ 4872-74', 4878-89', 4933-40', 4942-44', 5028-31' &amp; 5034-39'.



14. I hereby certify that the foregoing is true and correct

Signed

Sharon Smith

Title

Engineering Secretary

Date

2/4/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

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**WELLS DRAW 6-4-9-16**

9. API Well No.

**43-013-31972**

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**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T09S R16E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status**

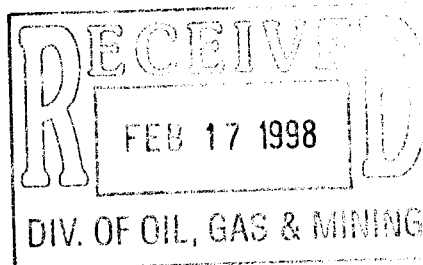
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 2/5/98 - 2/11/98**

Swab well. Trip production tbg.  
Place well on production @ 3:30 PM, 2/6/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

2/11/98

(This space for Federal or State office use)

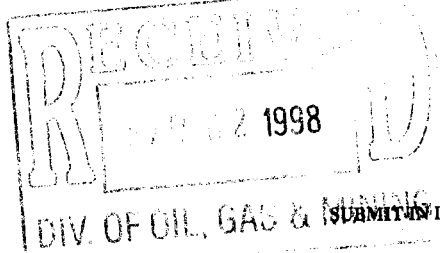
Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN DUPLICATE\***  
(See other instructions on reverse side)

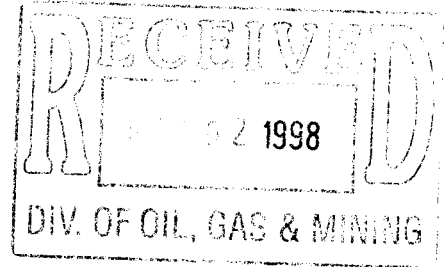
**FORM APPROVED**  
OMB NO. 1004-0137  
Expires: February 28, 1995

|  |          |   |               |   |   |  |                 |  |  |
|--|----------|---|---------------|---|---|--|-----------------|--|--|
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG*</b>   |          |   |               |   |   |  |                 |  |  |
| <b>1a. TYPE OF WORK</b><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____   |          |   |               |   |   |  |                 |  |  |
| <b>1b. TYPE OF WELL</b><br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ |          |   |               |   |   |  |                 |  |  |
| <b>2. NAME OF OPERATOR</b><br>Inland Production Company  |          |   |               |   |   |  |                 |  |  |
| <b>3. ADDRESS AND TELEPHONE NO.</b><br>410 Seventeenth Street, Suite 700, Denver, CO 80202 (303) 292-0900  |          |   |               |   |   |  |                 |  |  |
| <b>4. LOCATION OF WELL</b> (Report locations clearly and in accordance with any State requirements. *)<br>At Surface: SE/NW<br>At top prod. Interval reported bel: 1980 FNL 1980 FWL   |          |   |               |   |   |  |                 |  |  |
| <b>14. PERMIT NO.</b><br>43-013-31972  |          |   |               | <b>DATE ISSUED</b><br>11-24-97                    |   | <b>12. COUNTY OR PARISH</b><br>DUCHESNE                              |                 | <b>13. STATE</b><br>UT                                 |  |
| <b>15. DATE SPURRED</b><br>1-7-98  |          | <b>16. DATE T.D. REACHED</b><br>1-15-98   |               | <b>17. DATE COMPL. (Ready to prod.)</b><br>2-6-98 |   | <b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b><br>5733' KB; 5721' GL |                 | <b>19. ELEV. CASINGHEAD</b>                            |  |
| <b>20. TOTAL DEPTH, MD &amp; TVD</b><br>6025'  |          | <b>21. PLUG, BACK T.D., MD &amp; TVD</b><br>5962'   |               | <b>22. IF MULTIPLE COMPL., HOW MANY*</b><br>N/A   |   | <b>23. INTERVALS DRILLED BY</b><br>----->                            |                 | <b>ROTARY TOOLS</b><br>X                               |  |
| <b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*</b><br>Green River 4872'-5569'   |          |   |               |   |   |  |                 | <b>25. WAS DIRECTIONAL SURVEY MADE</b><br>No           |  |
| <b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b><br>3-2-98 DIGL/SP/GR/CAL, SDL/DSN/GR, CBL  |          |   |               |   |   |  |                 | <b>27. WAS WELL CORED</b><br>No                        |  |
| <b>23. CASING RECORD (Report all strings set in well)</b>  |          |   |               |   |   |  |                 |  |  |
| CASING SIZE/GRADE  |          | WEIGHT, LB./FT.   |               | DEPTH SET (MD)                                    |   | HOLE SIZE  |                 | TOP OF CEMENT, CEMENTING RECORD                        |  |
| 8 5/8  |          | 24#   |               | 290'  |   | 12 1/4   |                 | 120 sx Prem Plus                                       |  |
| 5 1/2  |          | 15.5#   |               | 6007'   |   | 7 7/8  |                 | 380 sx Hibond & 365 sx Thixo                           |  |
|  |          |   |               |   |   |  |                 |  |  |
| <b>29. LINER RECORD</b>  |          |   |               |   |   |  |                 |  |  |
| SIZE   | TOP (MD) | BOTTOM (MD)   | SACKS CEMENT* | SCREEN (MD)                                       | SIZE  | DEPTH SET (MD)   | PACKER SET (MD) |  |  |
|  |          |   |               |   | 2-7/8"  | 5661'  |                 |  |  |
|  |          |   |               |   |   |  |                 |  |  |
| <b>31. PERFORATION RECORD (Interval, size and number)</b><br>See Attached  |          |   |               |   | <b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b> |  |                 |  |  |
|  |          |   |               |   |   |  |                 |  |  |
|  |          |   |               |   |   |  |                 |  |  |
|  |          |   |               |   |   |  |                 |  |  |
|  |          |   |               |   |   |  |                 |  |  |
| <b>33.* PRODUCTION</b>   |          |   |               |   |   |  |                 |  |  |
| <b>DATE FIRST PRODUCTION</b><br>2-6-98   |          | <b>PRODUCTION METHOD</b> (Flowing, gas lift, pumping--size and type of pump)<br>Pumping - 2-1/2" x 1-1/2" x 15-1/2' RHAC pump |               |   |   |  |                 | <b>WELL STATUS</b> (Producing or shut-in)<br>producing |  |
| <b>DATE OF TEST</b><br>10 Day Avg  |          | <b>HOURS TESTED</b><br>2/1/98   |               | <b>CHOKE SIZE</b><br>N/A                          |   | <b>PROD'N. FOR TEST PERIOD</b><br>-->                                |                 | <b>GAS-OIL RATIO</b><br>1.119                          |  |
| <b>FLOW. TUBING PRESS.</b>   |          | <b>CASING PRESSURE</b>  |               | <b>CALCULATED 24-HOUR RATE</b><br>-->             |   | <b>OIL-BBL.</b>  |                 | <b>GAS-MCF.</b>  |  |
|  |          |   |               |   |   |  |                 |  |  |
| <b>34. DISPOSITION OF GAS</b> (Sold, used for fuel, vented, etc.)<br>Sold & Used for Fuel  |          |   |               |   |   |  |                 | <b>TEST WITNESSED BY</b>                               |  |
| <b>35. LIST OF ATTACHMENTS</b><br>Items in #26 and #31   |          |   |               |   |   |  |                 |  |  |
| <b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>   |          |   |               |   |   |  |                 |  |  |
| SIGNED <i>Debra Knight</i>   |          |   |               | TITLE <i>Permitting Specialist</i>                |   |  |                 | DATE <i>2/25/98</i>                                    |  |

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); |       |        |                             | 38. GEOLOGIC MARKERS |             |                     |
|---|-------|--------|-----------------------------|----------------------|-------------|---------------------|
| FORMATION   | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | TOP         |                     |
|   |       |        |                             |                      | MEAS. DEPTH | TRUE<br>VERT. DEPTH |
| Garden Gulch Mkr  | 3846' |        |                             |                      |             |                     |
| Garden Gulch 2  | 4174' |        |                             |                      |             |                     |
| Point 3   | 4438' |        |                             |                      |             |                     |
| X Marker  | 4696' |        |                             |                      |             |                     |
| Y Marker  | 4730' |        |                             |                      |             |                     |
| Douglas Creek   | 4845' |        |                             |                      |             |                     |
| Bi-Carb   | 5090' |        |                             |                      |             |                     |
| B-Lime  | 5208' |        |                             |                      |             |                     |
| Castle Peak   | 5736' |        |                             |                      |             |                     |
| Basal Carbonate   | NDE   |        |                             |                      |             |                     |
| Total Depth   | 6025' |        |                             |                      |             |                     |



**Attachment**  
**Wells Draw 6-4-9-16**  
**API #43-013-31972**



**31. Perforation Record**

**LDC Sand – 5511'-5517'; 5522'-5532';  
5549'-5569'**

**4 JSPF**

**A Sand – 5328'-5336'**

**4 JSPF**

**D/C Sand – 4872'-4874'; 4878'-4889';  
4933'-4940'; 4942'-4944';  
5028'-5031'; 5034'-5039'**

**4 JSPF**

OPERATOR INLAND PROD CO

OPERATOR ACCT. NO. N 5160

ADDRESS \_\_\_\_\_

| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME      | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|--------------|----------------|---------------|----|----|-----|----------|-----------|----------------|
|   |                    |                |              |                | QQ            | SC | TP | RG  | COUNTY   |           |                |
| C   | 12285              | 12276          | 43-013-31972 | WELLS DRAW 6-4 | SEW           | 4  | 9S | 16E | DUCHESNE | 1-10-98   |                |
| WELL 1 COMMENTS: *WELLS DRAW (GR) UNIT; ORIGINAL ENTITY ASSIGNMENT WAS A ERROR; UNIT ENTITY 12276; CORRECTED. |                    |                |              |                |               |    |    |     |          |           |                |
|   |                    |                |              |                |               |    |    |     |          |           |                |
| WELL 2 COMMENTS:  |                    |                |              |                |               |    |    |     |          |           |                |
|   |                    |                |              |                |               |    |    |     |          |           |                |
| WELL 3 COMMENTS:  |                    |                |              |                |               |    |    |     |          |           |                |
|   |                    |                |              |                |               |    |    |     |          |           |                |
| WELL 4 COMMENTS:  |                    |                |              |                |               |    |    |     |          |           |                |
|   |                    |                |              |                |               |    |    |     |          |           |                |
| WELL 5 COMMENTS:  |                    |                |              |                |               |    |    |     |          |           |                |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

4-17-98

Title

Date

Phone No. ( )

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WELLS DRAW  
UTU-72613A**

8. Well Name and No.

**WELLS DRAW 6-4-9-16**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T09S R16E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

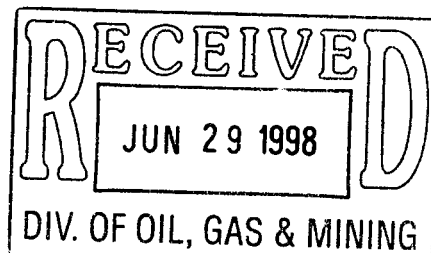
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Reclamation**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The location reclamation and recontouring have been completed in accordance with the Surface Use Program on April 3, 1998, per BLM specifications. The topsoil has been spread over the rehabilitated area, and seeding has been conducted per BLM requirements. All construction and restoration operations have been completed.



14. I hereby certify that the foregoing is true and correct

Signed

*Cheryl Cameron*  
Cheryl Cameron

Title

**Regulatory Specialist**

Date

**6/25/98**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T09S R16E**

5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WELLS DRAW**

8. Well Name and No.

**WELLS DRAW 6-4-9-16**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

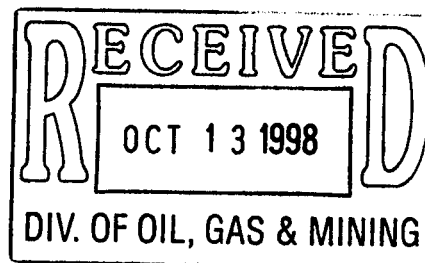
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Site Security**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Lennie E. Knight*

Title

**Manager, Regulatory Compliance**

Date

**10/8/98**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company

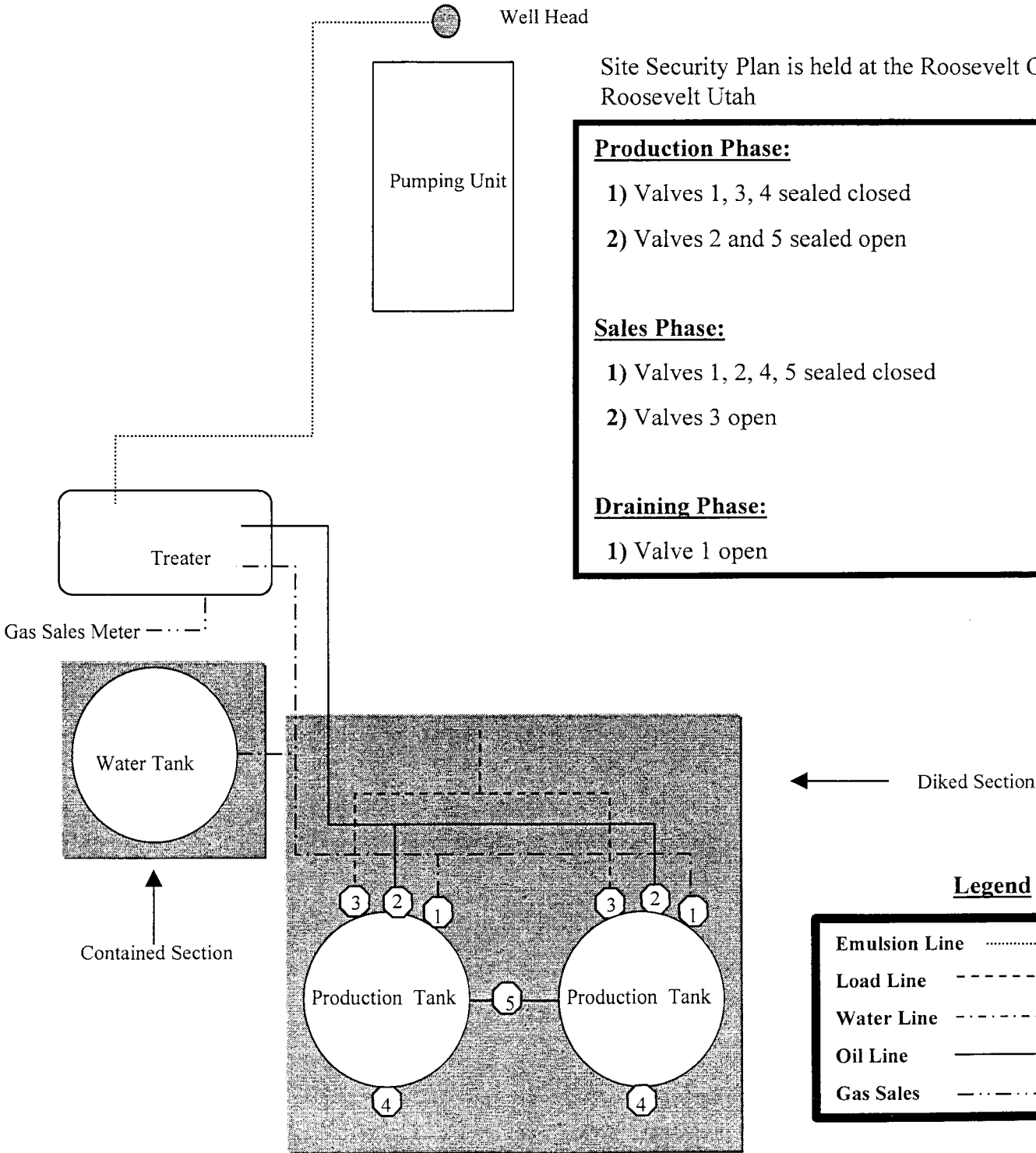
## Site Facility Diagram

Wells Draw 6-4

SE/NW Sec. 4, T9S, 16E

Duchesne County

May 12, 1998



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WELLS DRAW**

8. Well Name and No.

**WELLS DRAW 6-4**

9. API Well No.

**43-013-31972**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 4, T9S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Subject well had recompletion procedures initiated in the Green River formation on 10/23/02. Existing production equipment was pulled from well. A bit & scraper was ran in well was cleaned out to 5919'. Set HE wire line plug @ 4900'. Refrac intervals D-1 sds 4878 - 4889' & 4872 - 4874' was isolated and hydraulically fracture treated W/ 50,000# 20/40 mesh sand in 203 bbls Viking I-25 fluid. Set HE wire line plug @ 4520' 1 New interval was perforated GB-6 sds 4414 - 4428' @ 4 JSPF. New perfs were isolated, broken down and hydraulically fracture treated W/ 50,000# 20/40 mesh sand in 214 bbls Viking I-25 fluid. Top plug was pulled. Fishing job accrued. Then bottom plug was pulled. Fraced intervals was swab tested for sand clean up. A revised BHA and production tbg string was ran in well and anchored W/ tubing anchor @ 5492', pump seating nipple @ 5555" and end of tubing string @ 5619'. A repaired rod pump and rod string was ran in well. Well returned to production via rod pump on 11/14/02.

**RECEIVED**

**NOV 19 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Ray Herrera*  
Ray Herrera

Title

**Completion Foreman**

Date

**11/16/02**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State



ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

|         |        |        |        |       |        |
|---------|--------|--------|--------|-------|--------|
| UTSL-   | 15855  | 61052  | 73088  | 76561 |        |
| 071572A | 16535  | 62848  | 73089  | 76787 |        |
| 065914  | 16539  | 63073B | 73520A | 76808 |        |
|         | 16544  | 63073D | 74108  | 76813 |        |
|         | 17036  | 63073E | 74805  | 76954 | 63073X |
|         | 17424  | 63073O | 74806  | 76956 | 63098A |
|         | 18048  | 64917  | 74807  | 77233 | 68528A |
| UTU-    | 18399  | 64379  | 74808  | 77234 | 72086A |
|         | 19267  | 64380  | 74389  | 77235 | 72613A |
| 02458   | 26026A | 64381  | 74390  | 77337 | 73520X |
| 03563   | 30096  | 64805  | 74391  | 77338 | 74477X |
| 03563A  | 30103  | 64806  | 74392  | 77339 | 75023X |
| 04493   | 31260  | 64917  | 74393  | 77357 | 76189X |
| 05843   | 33992  | 65207  | 74398  | 77359 | 76331X |
| 07978   | 34173  | 65210  | 74399  | 77365 | 76788X |
| 09803   | 34346  | 65635  | 74400  | 77369 | 77098X |
| 017439B | 36442  | 65967  | 74404  | 77370 | 77107X |
| 017985  | 36846  | 65969  | 74405  | 77546 | 77236X |
| 017991  | 38411  | 65970  | 74406  | 77553 | 77376X |
| 017992  | 38428  | 66184  | 74411  | 77554 | 78560X |
| 018073  | 38429  | 66185  | 74805  | 78022 | 79485X |
| 019222  | 38431  | 66191  | 74806  | 79013 | 79641X |
| 020252  | 39713  | 67168  | 74826  | 79014 | 80207X |
| 020252A | 39714  | 67170  | 74827  | 79015 | 81307X |
| 020254  | 40026  | 67208  | 74835  | 79016 |        |
| 020255  | 40652  | 67549  | 74868  | 79017 |        |
| 020309D | 40894  | 67586  | 74869  | 79831 |        |
| 022684A | 41377  | 67845  | 74870  | 79832 |        |
| 027345  | 44210  | 68105  | 74872  | 79833 |        |
| 034217A | 44426  | 68548  | 74970  | 79831 |        |
| 035521  | 44430  | 68618  | 75036  | 79834 |        |
| 035521A | 45431  | 69060  | 75037  | 80450 |        |
| 038797  | 47171  | 69061  | 75038  | 80915 |        |
| 058149  | 49092  | 69744  | 75039  | 81000 |        |
| 063597A | 49430  | 70821  | 75075  |       |        |
| 075174  | 49950  | 72103  | 75078  |       |        |
| 096547  | 50376  | 72104  | 75089  |       |        |
| 096550  | 50385  | 72105  | 75090  |       |        |
|         | 50376  | 72106  | 75234  |       |        |
|         | 50750  | 72107  | 75238  |       |        |
| 10760   | 51081  | 72108  | 76239  |       |        |
| 11385   | 52013  | 73086  | 76240  |       |        |
| 13905   | 52018  | 73087  | 76241  |       |        |
| 15392   | 58546  | 73807  | 76560  |       |        |

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****Wells Draw (Green River)**

| NAME                  | SEC | TWN  | RNG  | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| WELLS DRAW 15-32-8-16 | 32  | 080S | 160E | 4301331676 | 12276     | State      | WI        | A           |
| WELLS DRAW 16-32-8-16 | 32  | 080S | 160E | 4301331817 | 12276     | State      | OW        | P           |
| WELLS DRAW 9-32-8-16  | 32  | 080S | 160E | 4301331819 | 12276     | State      | WI        | A           |
| WELLS DRAW 5-32-8-16  | 32  | 080S | 160E | 4301332218 | 12276     | State      | WI        | A           |
| WELLS DRAW 8-32-8-16  | 32  | 080S | 160E | 4301332219 | 12276     | State      | OW        | P           |
| FEDERAL 23-33-B       | 33  | 080S | 160E | 4301331251 | 12276     | Federal    | WI        | A           |
| FEDERAL 33-33-B       | 33  | 080S | 160E | 4301331268 | 12276     | Federal    | OW        | P           |
| FEDERAL 34-33-B       | 33  | 080S | 160E | 4301331269 | 12276     | Federal    | WI        | A           |
| FEDERAL 44-33-B       | 33  | 080S | 160E | 4301331270 | 12276     | Federal    | OW        | P           |
| FEDERAL 13-33-B       | 33  | 080S | 160E | 4301331277 | 12276     | Federal    | OW        | P           |
| FEDERAL 13-34-B       | 34  | 080S | 160E | 4301331271 | 12276     | Federal    | OW        | P           |
| FEDERAL 11-4-G        | 04  | 090S | 160E | 4301331250 | 12276     | Federal    | OW        | P           |
| FEDERAL 21-4-G        | 04  | 090S | 160E | 4301331272 | 12276     | Federal    | WI        | A           |
| WELLS DRAW 1-4-9-16   | 04  | 090S | 160E | 4301331971 | 12276     | Federal    | WI        | A           |
| WELLS DRAW 6-4        | 04  | 090S | 160E | 4301331972 | 12276     | Federal    | OW        | P           |
| WELLS DRAW 7-4        | 04  | 090S | 160E | 4301331973 | 12276     | Federal    | WI        | A           |
| FEDERAL 31-5-G        | 05  | 090S | 160E | 4301331252 | 12276     | Federal    | OW        | S           |
| WELLS DRAW 22-5G      | 05  | 090S | 160E | 4301331273 | 12276     | Federal    | OW        | P           |
| WELLS DRAW U 5-5-9-16 | 05  | 090S | 160E | 4301331759 | 12276     | Federal    | WI        | A           |
| WELLS DRAW 8-5-9-16   | 05  | 090S | 160E | 4301332132 | 12276     | Federal    | OW        | P           |
| WELLS DRAW 10-5-9-16  | 05  | 090S | 160E | 4301332133 | 12276     | Federal    | OW        | P           |
|                       |     |      |      |            |           |            |           |             |

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

- Changes entered in the Oil and Gas Database on: 2/28/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UT 0036

#### INDIAN WELL(S) BOND VERIFICATION:

- Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL 1980 FWL

SENW Section 4 T9S R16E

5. Lease Serial No.

USA UTU-30096

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WELLS DRAW UNIT

8. Well Name and No.

WELLS DRAW 6-4G

9. API Well No.

4301331972

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION  |   |  |   |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize                        | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing                   | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Casing Repair                  | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
|  | <input type="checkbox"/> Change Plans                   | <input type="checkbox"/> Plug & Abandon   | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input checked="" type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

02/26/2008



**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**Daily Activity Report**

Format For Sundry

**WELLS DRW 6-4G-9-16****7/1/2008 To 11/30/2008****9/24/2008 Day: 1****Conversion**

Stone #5 on 9/23/2008 - MIRU Stone #5. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Reseat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH and LD rod string & pump. Reflushed rods W/ add'l 30 BW on TOH. ND wellhead. Found TA released. NU BOP. SIFN.

**9/25/2008 Day: 2****Conversion**

Stone #5 on 9/24/2008 - TOH and talley production tbg--LD btm 35 jts tbg & BHA. Broke each connection, clean & inspect pins and apply Liquid O-ring to pins. Flushed wax f/ tbg ID on TOH. 2 flushes @ 40 bbls each, & pumped 30 BW dn casing while pulling pipe. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new 2 7/8 SN (W/ standing valve in place) & 50 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pressure test tbg to 3000 psi. SIFN.

**9/26/2008 Day: 3****Conversion**

Stone #5 on 9/25/2008 - Con't TIH and pressure test injection string (complete as follows): new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide) 2 7/8 SN & 139 jts 2 7/8 8rd 6.5# M-50 tbg. Chased a collar leak for some time. Final test holding 3000 psi. Leave pressure on tbg overnight.

**9/27/2008 Day: 4****Conversion**

Stone #5 on 9/26/2008 - Tbg pressure @ 2950 psi. Bump up to 3000 psi--holds solid. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg to set pkr. Takes weight & slips, can only get 2-3 pts overpull before slipping. Tried working pkr in different spots and with various techniques. Same results. NU BOP. TOH W/ tbg--LD pkr. Slips were packed W/ scale. MU new pkr & TIH W/ tbg (same as pulled). SIFN.

**9/30/2008 Day: 5****Conversion**

Stone #5 on 9/29/2008 - RU HO trk to tbg & pump 10 bbl pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Held solid for 30 minutes. RIH W/ overshot on sdline. Latch onto & pull standing valve. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4341', CE @ 4345' & EOT @ 4349'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

**10/10/2008 Day: 6****Conversion**

on 10/9/2008 - On 10/7/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Wells Draw 6-4G-9-16).

Permission was given at that time to perform the test on 10/8/08. On 10/8/08 the csg was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-31972

---

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

|  |  |   |
|--|--|---|
| 1. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 5. LEASE DESIGNATION AND SERIAL NUMBER<br>USA UTU-30096 |
| 2. NAME OF OPERATOR<br>NEWFIELD PRODUCTION COMPANY   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                    |
| 3. ADDRESS OF OPERATOR<br>Route 3 Box 3630 CITY Myton STATE UT ZIP 84052   |  | 7. UNIT or CA AGREEMENT NAME<br>WELLS DRAW UNIT         |
| PHONE NUMBER<br>435.646.3721   |  | 8. WELL NAME and NUMBER<br>WELLS DRAW 6-4G              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: 1980 FNL 1980 FWL  |  | 9. API NUMBER<br>4301331972                             |
| OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SENW, 4, T9S, R16E  |  | 10. FIELD AND POOL, OR WILDCAT<br>MONUMENT BUTTE        |
|  |  | COUNTY: DUCHESNE  |
|  |  | STATE: UT   |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |   |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br>_____                              | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                            |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                            |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:<br>10/02/2008 9/29/08 | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                           |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                           |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Injection Conversion |
|  | <input checked="" type="checkbox"/> CONVERT WELL TYPE   | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/7/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/8/08. On 10/8/08 the csg was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)

API # 43-013-31972

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

DATE 10/13/2008

(This space for State use only)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-30096

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

WELLS DRAW 6-47

9. API NUMBER:

4301331972

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1980 FNL 1980 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 4, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION   | TYPE OF ACTION  |  |   |
|--|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br>                           | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/STOP)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARITLY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLAIR<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input checked="" type="checkbox"/> OTHER: - Change status, put well on injection |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><br>11/26/2008 |   |  |   |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 2:00 PM on 11-26-08.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE

*Kathy Chapman*

DATE 12/05/2008

(This space for State use only)

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**

**WELLS DRAW #6-4G-9-16**

**MONUMENT BUTTE FIELD (GREEN RIVER)**

**LEASE #U-30096**

**February 28, 2008**

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| ATTACHMENT F                                | WATER ANALYSIS                                     |
| ATTACHMENT G                                | FRACTURE GRADIENT CALCULATIONS                     |
| ATTACHMENT G-1                              | FRACTURE REPORTS DATED 1/28/1998-2/7/1998          |
| ATTACHMENT H                                | WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON       |
| ATTACHMENT H-1                              | WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL          |

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Wells Draw 6-4G-9-16  
Field or Unit name: Monument Butte Lease No. U-30096  
Well Location: QQ SE/NW section 4 township 9S range 16E county Duchesne

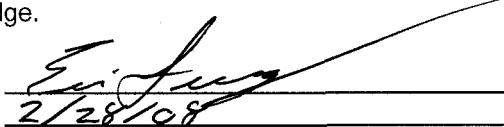
Is this application for expansion of an existing project? ..... Yes ☒ No ☐  
Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒  
Is this application for a new well to be drilled? ..... Yes ☐ No ☒  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒  
Date of test: \_\_\_\_\_  
API number: 43-013-31972

Proposed injection interval: from 4174 to 5736  
Proposed maximum injection: rate 500 bpd pressure 2051 psig  
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Analyst Date 2/28/08  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Wells Draw #6-4-9-16

Spud Date: 1/7/98  
Put on Production: 2/6/98  
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD  
8 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts 5997'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic  
CEMENT TOP AT: Surface per CBL  
SHOE SET AT: 6008'

### TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#  
NO. OF JOINTS: 152 jts. (4729.31')  
NO. OF JOINTS: 19 jts. (613.81') J-55  
TUBING ANCHOR: 5355.12'  
NO. OF JOINTS: 1 jt. (33.03')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5390.95'  
NO. OF JOINTS: 2 jts. (62.58') M-50 tbg  
TOTAL STRING LENGTH: EOT @ 5455.08' KB

### FRAC JOB

|          |             |  |
|----------|-------------|--|
| 1/30/98  | 5511'-5569' | Frac LDC sands as follows:<br>120,300# 20/40 sd in 582 bbls Delta frac.<br>Breakdown @ 2640 psi. Treated @ avg press of 1980 psi w/avg rate of 34.9 BPM. ISIP - 2411 psi, 5 min 2168 psi. Flowback on 12/64 ck for 4-1/2 hrs & died. |
| 2/1/98   | 5328'-5336' | Frac A sands as follows:<br>81,300 # sd in 459 bbls Delta frac.<br>Breakdown @ 2501 psi. Treated @ avg press of 3500 psi w/avg rate of 25 BPM. ISIP - 2094 psi, 5 min 3041 psi. Flowback on 12/64 ck for 2-1/2 hrs & died.           |
| 2/04/98  | 4872'-5039' | Frac D/C sands as follows:<br>113,300 # 20/40 sd in 556 bbls Delta frac.<br>Breakdown @ 1109 psi. Treated w/avg pres of 1600 psi w/avg rate of 30 BPM. ISIP - 2094 psi, 5 min 2026 psi. Flowback on 12/64 ck 2-1/2 hrs & died.       |
| 1/2/02   |             | Pump change. Update rod and tubing details.  |
| 9/5/02   |             | Tubing leak. Update rod and tubing details.  |
| 10/24/02 | 4872'-4889' | Refrac D1 sands as follows:<br>50,000# 20/40 sand in 203 bbls Viking I-25 fluid. Treated @ avg pressure of 2280 psi w/avg rate of 24.6 BPM. ISIP - 2625 psi. Calc. flush: 4872 gals. Actual flush: 4869 gals.                        |
| 10/24/02 | 4414'-4428' | Frac GB6 sands as follows:<br>50,000# 20/40 sand in 214 bbls Viking I-25 fluid. Treated @ avg pressure of 2013 psi w/avg rate of 22.7 BPM. ISIP - 2080 psi. Calc. flush: 4414 gals. Actual flush: 4661 gals.                         |
| 3/1/03   |             | Pump change. Update rod detail.  |
| 8/02/04  |             | Tubing Leak. Update tubing and rod detail.   |
| 03/28/07 |             | Pump Change. Update rod & tubing details.  |
| 10/09/07 |             | Pump Change. Update rod & tubing details   |

Packer @ 4379'

4414'-4428'  
4872'-4874'  
4878'-4889'  
4933'-4940'  
4942'-4944'  
5028'-5031'  
5034'-5039'  
5328'-5336'  
5511'-5517'  
5522'-5532'  
5549'-5569'  
PBTD @ 5962'  
SHOE @ 6008'  
TD @ 6025'

### PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 1-29-98  | 5511'-5517' | 4 JSPF | 24 holes |
| 1-29-98  | 5522'-5532' | 4 JSPF | 40 holes |
| 1-29-98  | 5549'-5569' | 4 JSPF | 80 holes |
| 1-31-98  | 5328'-5336' | 4 JSPF | 32 holes |
| 2-03-98  | 4872'-4874' | 4 JSPF | 8 holes  |
| 2-03-98  | 4878'-4889' | 4 JSPF | 44 holes |
| 2-03-98  | 4933'-4940' | 4 JSPF | 28 holes |
| 2-03-98  | 4942'-4944' | 4 JSPF | 8 holes  |
| 2-03-98  | 5028'-5031' | 4 JSPF | 12 holes |
| 2-03-98  | 5034'-5039' | 4 JSPF | 20 holes |
| 10-24-02 | 4414'-4428' | 4 JSPF | 56 holes |

**NEWFIELD**

**Wells Draw #6-4-9-16**

1980' FNL & 1980' FWL

SE/NW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31972; Lease #U-30096

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Wells Draw #6-4G-9-16 from a producing oil well to a water injection well in Monument Butte (Green River).

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For Wells Draw.#6-4G-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4174' -5736'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD which ever is shallower. The Garden Gulch Marker top is at 3846' and the TD is at 6025'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for Wells Draw #6-4G-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #U-30096) in the Monument Butte (Green River) Field, Wells Draw, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 290' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5997' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2051 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Wells Draw #6-4G-9-16, for existing perforations (4414' - 5569') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2051 psig. We may add additional perforations between 4174' and 6025'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Wells Draw #6-4G-9-16, the proposed injection zone (4174' - 5736') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-11.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

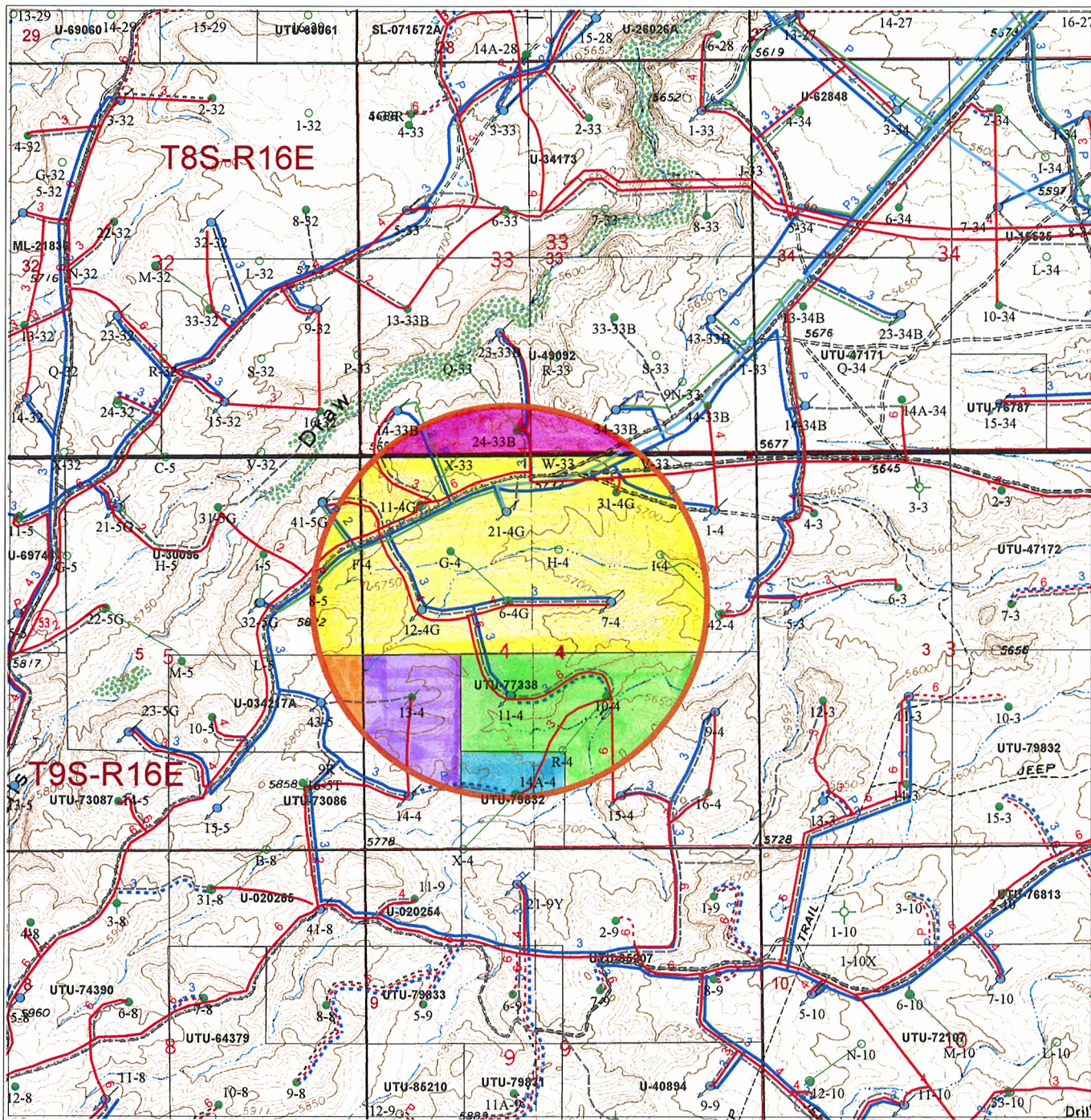
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
  - Countyline
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
  - Leases
  - 6-4G-9-16 1/2mile radius

U-30094  
 U-34217A  
 U-49092  
 U-73086  
 U-77338  
 U-79832

Attachment A

Wells Draw 6-4G-9-16  
 Section 4, T9S-R16E

**NEWFIELD**  
 ROCKY MOUNTAINS



1/2 Mile Radius Map  
 Duchesne County

Alamo Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 893-0102

February 8, 2008



**T9S, R16E, S.L.B.&M.**

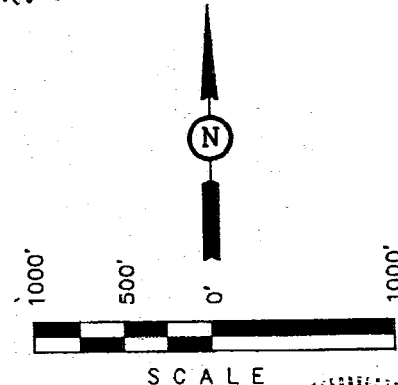
**INLAND PRODUCTION CO.**

Well location, WELLS DRAW UNIT #6-4, located as shown in the SE 1/4 NW 1/4 of Section 4, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.

*Attachment A-1*

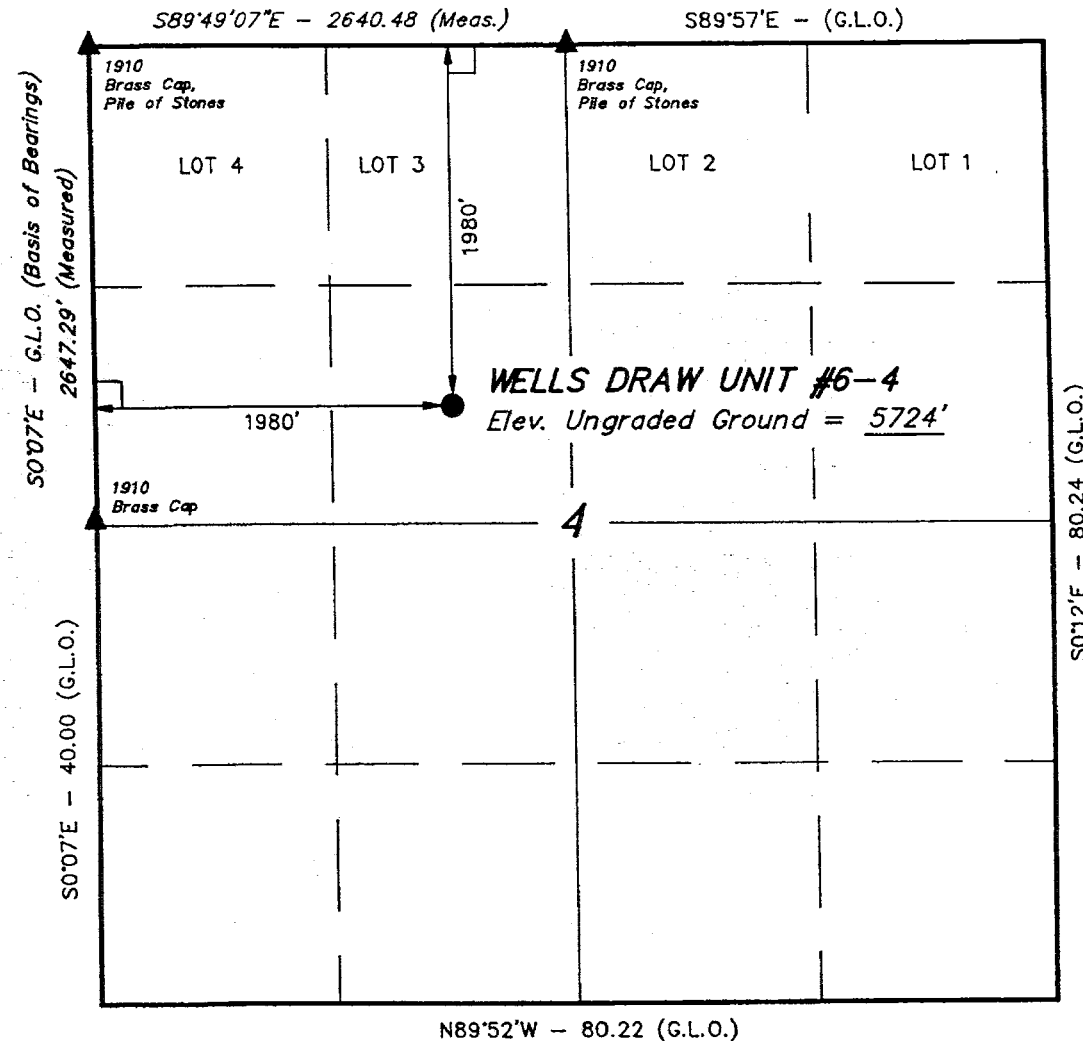


SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH



**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

|                          |                               |                        |
|--------------------------|-------------------------------|------------------------|
| SCALE<br>1" = 1000'      | DATE SURVEYED:<br>7-22-97     | DATE DRAWN:<br>7-30-97 |
| PARTY<br>D.K. H.L. D.COX | REFERENCES<br>G.L.O. PLAT     |                        |
| WEATHER<br>WARM          | FILE<br>INLAND PRODUCTION CO. |                        |

## EXHIBIT B

Page 1

| # | Land Description   | Minerals Ownership &<br>Expires | Minerals<br>Leased By                                      | Surface Rights          |
|---|--|---------------------------------|--|-------------------------|
| 1 | Township 9 South, Range 16 East<br>Section 4: Lots 1-4, S2N2<br>Section 5: Lots 1-3, S2NE4, SENW, NESW | UTU-30096<br>HBP                | Newfield Production Company                                | (Surface Rights)<br>USA |
| 2 | Township 9 South, Range 16 East<br>Section 5: N2SE   | U-034217-A<br>HBP               | Newfield Production Company                                | (Surface Rights)<br>USA |
| 3 | Township 8 South, Range 16 East<br>Section 33: S2  | U-49092<br>HBP                  | Newfield Production Company                                | (Surface Rights)<br>USA |
| 4 | Township 9 South, Range 16 East<br>Section 4: W2SW<br>Section 5: S2SE                                  | U-73086<br>HBP                  | Newfield Production Company                                | (Surface Rights)<br>USA |
| 5 | Township 9 South, Range 16 East<br>Section 3: Lots 3, 4, S2NW, SW<br>Section 4: NESW, SE               | U-77338<br>HBP                  | Newfield Production Company                                | (Surface Rights)<br>USA |
| 6 | Township 9 South, Range 16 East<br>Section 3: SE<br>Section 4: SESW                                    | U-79832<br>HBP                  | Newfield Production Company<br>Yates Petroleum Corporation | (Surface Rights)<br>USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Wells Draw #6-4G-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 28th day of February, 2008.

Notary Public in and for the State of Colorado: \_\_\_\_\_

*Raune Deane*

My Commission Expires: \_\_\_\_\_

05/05/2009

# Wells Draw #6-4-9-16

Spud Date: 1/7/98  
Put on Production: 2/6/98  
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD  
8 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts 5997'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic  
CEMENT TOP AT: Surface per CBL  
SHOE SET AT: 6008'

### TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#  
NO. OF JOINTS: 152 jts. (4729.31')  
NO. OF JOINTS: 19 jts. (613.81') J-55  
TUBING ANCHOR: 5355.12'  
NO. OF JOINTS: 1 jt. (33.03')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5390.95'  
NO. OF JOINTS: 2 jts. (62.58') M-50 thg  
TOTAL STRING LENGTH: EOT @ 5455.08' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" X 22'  
SUCKER RODS: 6-1 1/2" weight rods; 25-3/4" scraped rods, 89-3/4" plain rods, 95-3/4" scraped rods, 1-6", 1-4", x 3/4" pony rods  
PUMP SIZE: 2 1/2" X 1 1/2" X 15.5' RHAC  
STROKE LENGTH: 54"  
PUMP SPEED, SPM: 4 SPM  
LOGS: DIGL/SP/GR/CAL (6022'-300')  
DSN/SDL/GR (5984'-3000')

### FRAC JOB

1/30/98 5511'-5569' Frac LDC sands as follows:  
120,300# 20/40 sd in 582 bbls Delta frac.  
Breakdown @ 2640 psi. Treated @ avg press of 1980 psi w/avg rate of 34.9 BPM. ISIP - 2411 psi, 5 min 2168 psi. Flowback on 12/64 ck for 4-1/2 hrs & died.

2/1/98 5328'-5336' Frac A sands as follows:  
81,300 # sd in 459 bbls Delta frac.  
Breakdown @ 2501 psi. Treated @ avg press of 3500 psi w/avg rate of 25 BPM. ISIP - 2094 psi, 5 min 3041 psi. Flowback on 12/64 ck for 2-1/2 hrs & died.

2/04/98 4872'-5039' Frac D/C sands as follows:  
113,300 # 20/40 sd in 556 bbls Delta frac.  
Breakdown @ 1109 psi. Treated w/avg pres of 1600 psi w/avg rate of 30 BPM. ISIP - 2094 psi, 5 min 2026 psi. Flowback on 12/64 ck 2-1/2 hrs & died.

1/2/02 Pump change. Update rod and tubing details.

9/5/02 Tubing leak. Update rod and tubing details.

10/24/02 4872'-4889' Refrac D1 sands as follows:  
50,000# 20/40 sand in 203 bbls Viking I-25 fluid. Treated @ avg pressure of 2280 psi w/avg rate of 24.6 BPM. ISIP - 2625 psi. Calc. flush: 4872 gals. Actual flush: 4869 gals.

10/24/02 4414'-4428' Frac GB6 sands as follows:  
50,000# 20/40 sand in 214 bbls Viking I-25 fluid. Treated @ avg pressure of 2013 psi w/avg rate of 22.7 BPM. ISIP - 2080 psi. Calc. flush: 4414 gals. Actual flush: 4661 gals.

3/1/03 Pump change. Update rod detail.


8/02/04 Tubing Leak. Update tubing and rod detail.

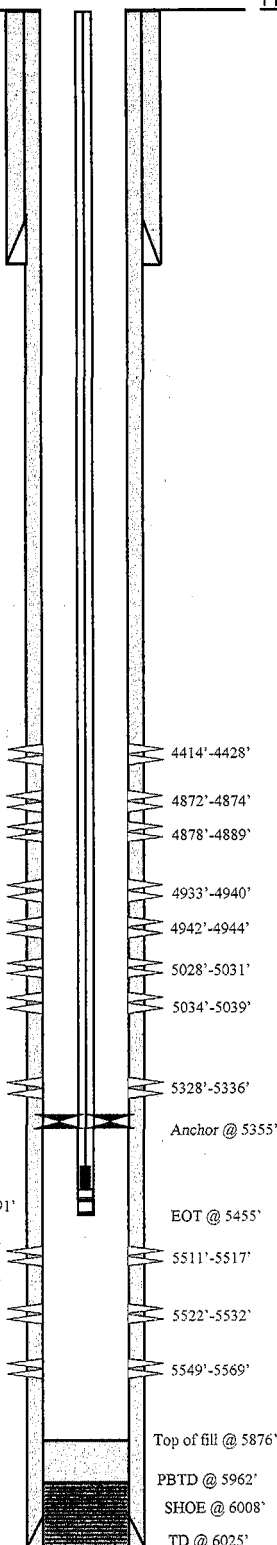
03/28/07 Pump Change. Update rod & tubing details.

10/09/07 Pump Change. Update rod & tubing details

### PERFORATION RECORD

| Date     | Depth       | Tool   | Holes    |
|----------|-------------|--------|----------|
| 1-29-98  | 5511'-5517' | 4 JSPF | 24 holes |
| 1-29-98  | 5522'-5532' | 4 JSPF | 40 holes |
| 1-29-98  | 5549'-5569' | 4 JSPF | 80 holes |
| 1-31-98  | 5328'-5336' | 4 JSPF | 32 holes |
| 2-03-98  | 4872'-4874' | 4 JSPF | 8 holes  |
| 2-03-98  | 4878'-4889' | 4 JSPF | 44 holes |
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| 2-03-98  | 5028'-5031' | 4 JSPF | 12 holes |
| 2-03-98  | 5034'-5039' | 4 JSPF | 20 holes |
| 10-24-02 | 4414'-4428' | 4 JSPF | 56 holes |

|   |
|---|
|  <p><b>NEWFIELD</b></p>  |
| <p><b>Wells Draw #6-4-9-16</b></p> <p>1980' FNL &amp; 1980' FWL</p> <p>SE/NW Section 4-T9S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-31972; Lease #U-30096</p> |



AHam. E-1

# Federal #24-33B

Spud Date: 8-15-88  
Put on Production: 10-9-88  
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD  
0 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE: L-80, N-80  
WEIGHT: 47#, 53.5#  
LENGTH: 7 JTS (295.8')  
DEPTH LANDED: 310'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sks Class "G" cmt, est ? bbls to surface

## PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55  
LENGTH: 5564'  
CSG SIZE: 5-1/2" / 17# / N-80  
LENGTH: 5564' - 6410'  
SET AT: 6410' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.  
CEMENT TOP AT: 2405'

## TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 194 jts (6084.95') KB  
TUBING ANCHOR: 6099.95' KB  
NO. OF JOINTS: 1 jt (31.37') KB  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 6134.07' KB  
NO. OF JOINTS: 1 jt (31.85') KB  
TOTAL STRING LENGTH: EOT @ 6167.42' KB

## SUCKER RODS

POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 1-2", 1-4", 2-8" x 7/8" pony rods; 68 - 7/8" scraped rods; 41 - 7/8" mixed rods; 118 - 3/4" plain rods; 10 - 3/4" scraped rods; 6 - 1-1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC  
STROKE LENGTH: 82"  
PUMP SPEED, SPM: 7 SPM

## FRAC JOB

|         |             |   |
|---------|-------------|---|
| 9-17-88 | 6304'-6309' | 60,000# 20/40 sand in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.   |
| 9-21-88 | 6144'-6154' | 50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.  |
| 9-23-88 | 5896'-5914' | 66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.  |
| 9-27-88 | 5378'-5394' | 38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.   |
| 9-29-88 | 4934'-5004' | 192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.  |
| 2-17-03 | 6000'-6010' | Frac CP3 sands as follows:<br>22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.                    |
| 2-18-03 | 5827'-5880' | Frac CP.5 and CP1 sands as follows:<br>50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.           |
| 2-18-03 | 5434'-5439' | Frac A3 sands as follows:<br>6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perms.  |
| 2-18-03 | 5378'-5439' | Frac existing A2 and new A3 sands as follows:<br>14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal. |
| 2-18-03 | 5117'-5181' | Frac B.5 and C sands as follows:<br>27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-N/A. Tubing rupture.  |
| 2-26-03 | 4430'-4684' | Frac GB and PB sands as follows:<br>60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.              |

2/03/04 Pump change.  
02/17/06 Pump Change. Update rod and tubing detail  
05/10/06 PERFORATION RECORD  
Pump Change. Update rod and tubing detail.

|         |             |        |           |
|---------|-------------|--------|-----------|
| 9-15-88 | 6304'-6309' | 4 JSPF | 20 holes  |
| 9-20-88 | 6144'-6154' | 4 JSPF | 40 holes  |
| 9-22-88 | 5896'-5900' | 4 JSPF | 16 holes  |
| 9-22-88 | 5902'-5914' | 4 JSPF | 48 holes  |
| 9-24-88 | 5378'-5394' | 4 JSPF | 64 holes  |
| 9-28-88 | 4992'-5004' | 4 JSPF | 48 holes  |
| 9-28-88 | 4934'-4964' | 4 JSPF | 120 holes |
| 2-17-03 | 6000'-6010' | 4 JSPF | 40 holes  |
| 2-17-03 | 5875'-5880' | 4 JSPF | 20 holes  |
| 2-17-03 | 5857'-5860' | 4 JSPF | 12 holes  |
| 2-17-03 | 5827'-5832' | 4 JSPF | 20 holes  |
| 2-17-03 | 5434'-5439' | 4 JSPF | 20 holes  |
| 2-17-03 | 5178'-5181' | 4 JSPF | 12 holes  |
| 2-17-03 | 5128'-5132' | 4 JSPF | 16 holes  |
| 2-17-03 | 5117'-5124' | 4 JSPF | 28 holes  |
| 2-17-03 | 4674'-4684' | 4 JSPF | 40 holes  |
| 2-17-03 | 4480'-4492' | 4 JSPF | 48 holes  |
| 2-17-03 | 4469'-4475' | 4 JSPF | 24 holes  |
| 2-17-03 | 4430'-4434' | 4 JSPF | 16 holes  |

NEWFIELD

Federal #24-33B  
2103 FWL & 330 FSL  
SESW Section 33-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31214; Lease #U-49092



A H A M E - 2

# Federal #11-4G-9-16

Spud Date: 12/21/89  
Put on Production: 3/21/90  
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD  
130 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 JTS  
DEPTH LANDED: 296'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 Class "G" cmt, est ? bbls to surface

Casing Shoe @ 296'

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 151 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC  
CEMENT TOP AT: 1430'  
SET AT: 6453'

Cement top @ 1430'

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 185 jts (5800.04')  
TUBING ANCHOR: 5813.04' KB  
NO. OF JOINTS: 2 jts (62.73')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5878.57'  
NO. OF JOINTS: 1 jt (31.35')  
TOTAL STRING LENGTH: EOT @ 5911.47' w/13' KB

### SUCKER RODS

POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 1- 7/8" plain rods, 91- 7/8" scraped rods, 4- 3/4" scraped rods, 122- 3/4" plain rods, 10- 3/4" scraped rods  
PUMP SIZE: 2-1/2" X 1-3/4" X 12 X 16' RHAC  
STROKE LENGTH: 62"  
PUMP SPEED, SPM: 7 SPM  
LOGS: DIL/CDL/DSN, CBL/VDL/CLL

### FRAC JOB

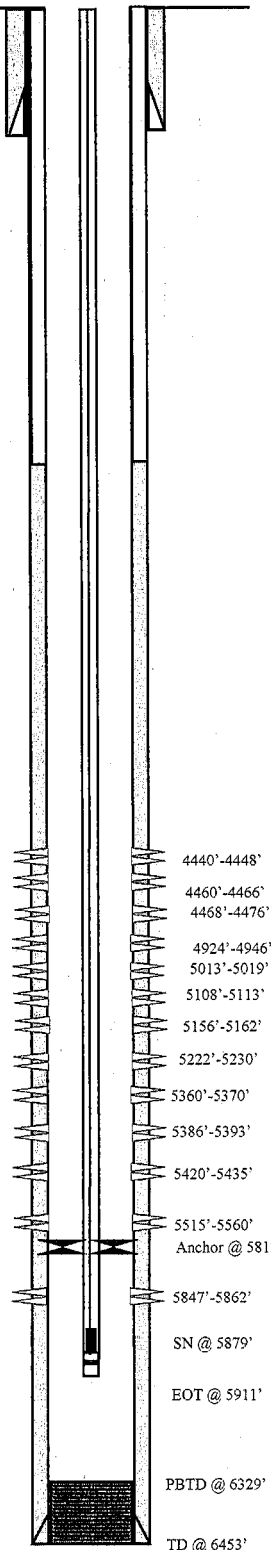
|          |             |  |
|----------|-------------|--|
| 2-15-90  | 5847'-5862' | 35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.  |
| 2-17-90  | 5515'-5560' | Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.   |
| 2-21-90  | 5360'-5435' | 70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.  |
| 2-24-90  | 5222'-5019' | 41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.  |
| 2-27-90  | 4924'-4946' | 48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.  |
| 2-05-03  | 5156'-5162' | Frac B.5 sands as follows:<br>20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal. |
| 2-05-03  | 4440'-4476' | Frac GB6 sands as follows:<br>74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal. |
| 02-20-06 |             | Pump Change. Updated rod and tubing detail   |

### PERFORATION RECORD

|         |             |        |           |
|---------|-------------|--------|-----------|
| 2-13-90 | 5847'-5862' | 4 JSPF | 60 holes  |
| 2-16-90 | 5515'-5560' | 4 JSPF | 180 holes |
| 2-20-90 | 5360'-5370' | 4 JSPF | 40 holes  |
| 2-20-90 | 5386'-5393' | 4 JSPF | 28 holes  |
| 2-20-90 | 5420'-5435' | 4 JSPF | 60 holes  |
| 2-22-90 | 5222'-5230' | 4 JSPF | 32 holes  |
| 2-22-90 | 5108'-5113' | 4 JSPF | 20 holes  |
| 2-22-90 | 5013'-5019' | 4 JSPF | 24 holes  |
| 2-26-90 | 4924'-4946' | 4 JSPF | 88 holes  |
| 2-04-03 | 5156'-5162' | 4 JSPF | 24 holes  |
| 2-04-03 | 4468'-4476' | 4 JSPF | 32 holes  |
| 2-04-03 | 4460'-4466' | 4 JSPF | 24 holes  |
| 2-04-03 | 4440'-4448' | 4 JSPF | 32 holes  |

NEWFIELD

Federal #11-4G-9-16  
800 FWL & 660 FNL  
NWNW Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31250; Lease #U-30096



Altman - 6-3

## Federal #21-4G

Spud Date: 6-2-90  
Put on Injection: 1-11-95  
GL: 5715' KB: 5730'

Initial Production: 349 BOPD, 0 MCFD  
57 BWPD

### Injection Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 JTS  
DEPTH LANDED: 305'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 210 sx Class "G" cmt

#### PRODUCTION CASING

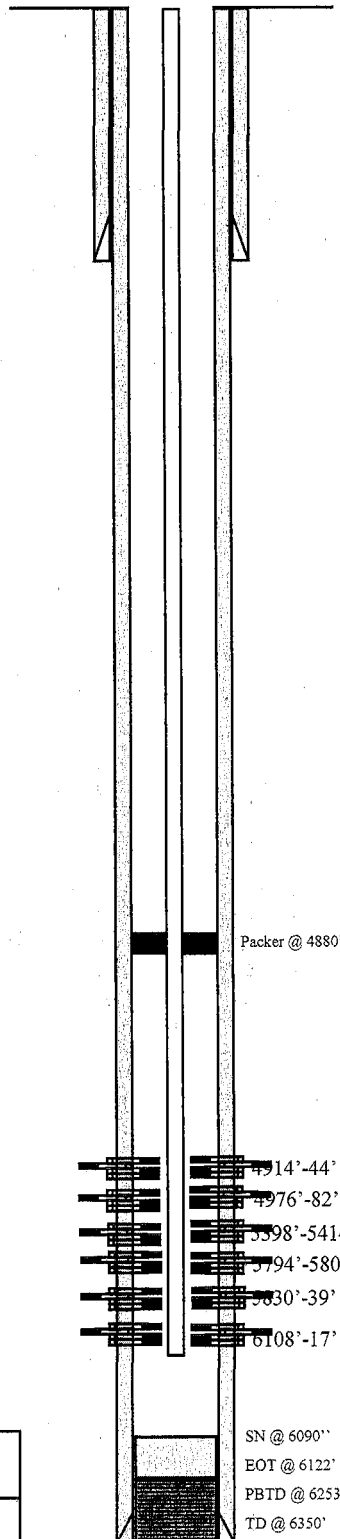
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 7 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 145 sx HI-Lift & 530 sx 10-0 RFC  
CEMENT TOP AT: 1150'  
SET AT: 6339'

#### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 197 jts  
TUBING ANCHOR: 4877'  
SEATING NIPPLE: 2-7/8"  
TOTAL STRING LENGTH: ?  
SN LANDED AT: 6090'

#### FRAC JOB

|         |             |   |
|---------|-------------|---|
| 8-10-90 | 6108'-6117' | 40,720# 20/40 sand, 542 bbls. Avg press of 2200 psi w/avg rate of 25 BPM. ISIP-2100 psi, 15 min 1880 psi.                   |
| 8-12-90 | 5794'-5839' | 32,020# 20/40 sand, 42,265# 16/30 sand, and 849 bbls. ISIP-2030 psi, 5 min 1850 psi.  |
| 8-14-90 | 5398'-5414' | 37,400# 20/40 sand, 49,300# 16/30 sand, and 885 bbls. Avg TP 2550 psi w/avg rate of 35 BPM. ISIP-2000 psi, 15 min 1650 psi. |
| 8-17-90 | 4914'-4982' | 60,800# 20/40 sand, 80,100# 16/30 sand, and 1303 bbls. Avg TP 2400 psi w/avg press of rate of 50 BPM.                       |



#### PERFORATION RECORD

|         |             |        |           |
|---------|-------------|--------|-----------|
| 8-9-90  | 6108'-6117' | 4 JSPF | 36 holes  |
| 8-11-90 | 5794'-5802' | 4 JSPF | 32 holes  |
| 8-11-90 | 5830'-5839' | 4 JSPF | 36 holes  |
| 8-13-90 | 5398'-5414' | 4 JSPF | 64 holes  |
| 8-15-90 | 4914'-4944' | 4 JSPF | 120 holes |
| 8-15-90 | 4976'-4982' | 4 JSPF | 24 holes  |



Inland Resources Inc.

Federal #21-4G

1958 FWL 760 FNL

NENW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31272; Lease #U-30096

SN @ 6090'  
EOT @ 6122'  
PBTD @ 6253'  
TD @ 6350'

A Hm. e-4

# Federal #31-4G-9-16

Spud Date: 4-27-89  
Put on Production: 6-7-89  
GL: 5713' KB: 5729'

Initial Production: 102 BOPD, 0 MCFD  
15 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE: K-55  
WEIGHT: 36#  
LENGTH: 8 JTS  
DEPTH LANDED: 300'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sks Class "G" cmt, est 8 bbls to surface

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 132 jts  
SET AT: 6475'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 260 sks Hi-Lift & 850 sks Class "G"  
CEMENT TOP AT: 2300'

## TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 166 jts (5280.59')  
TUBING ANCHOR: 5292.59' KB  
NO. OF JOINTS: 1 jt (31.66)  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 5327.05' KB  
NO. OF JOINTS: 1 perf sub (38.75')  
NO. OF JOINTS: 1 jt  
TOTAL STRING LENGTH: EOT @ 5367.35' KB

## SUCKER RODS

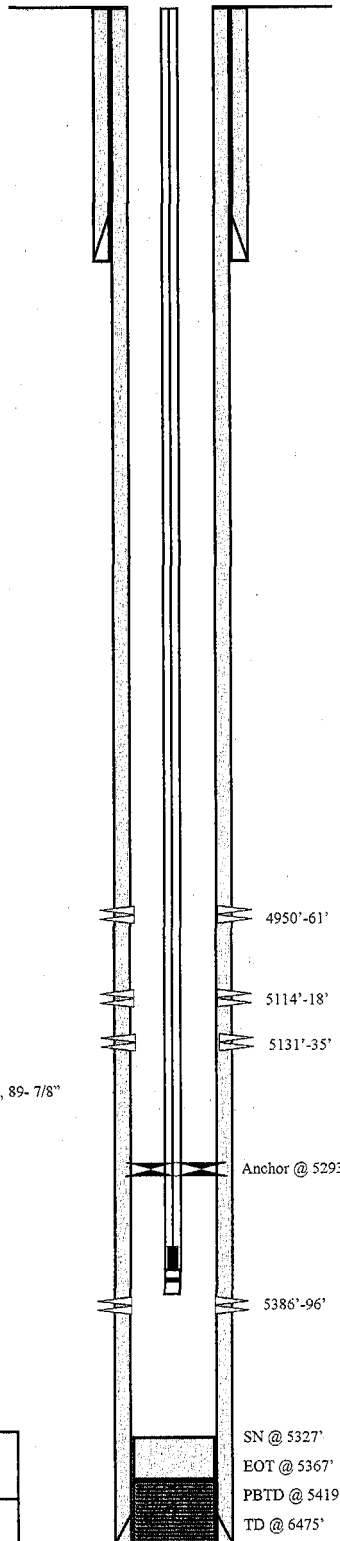
POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 2- 8', 1- 2' x 7/8" pony rods; 18- 7/8" scraper rods, 89- 7/8" plain rods; 64- 3/4" plain rods, 36- 3/4" guided rods; 5- 1 1/2" wt bars  
PUMP SIZE: 2-1/2"x1-1/2"x12'x16" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 6  
LOGS: DIL, SFL, SP, GR, FDC, CNL, GR, Cal., CBL, GR


## FRAC JOB

|          |             |   |
|----------|-------------|---|
| 5-18-89  | 5386'-5396' | 38,500# 20/40 sand, 41,050#016/30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi.  |
| 5-23-89  | 4950'-4961' | 49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP - 1900 psi.   |
| 3-05-98  | 5114'-5135' | 118,300# 20/40 sd in 482 bbls Delta Frac. Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal. Actual flush: 1259 gal. |
| 04/19/07 | Parted Rods | Updated rod & tubing details.   |

## PERFORATION RECORD

|         |             |        |          |
|---------|-------------|--------|----------|
| 5-17-89 | 5386'-5396' | 4 JSPF | 40 holes |
| 5-20-89 | 4950'-4961' | 4 JSPF | 44 holes |
| 3-04-98 | 5114'-5118' | 4 JSPF | 16 holes |
| 3-04-98 | 5131'-5135' | 4 JSPF | 16 holes |





**Inland Resources Inc.**

**Federal #31-4G-9-16**

500 FNL & 1900 FEL

NWNE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31228; Lease #U-30096

A Hand. 2-5

# WELLS DRAW FED. G-4-9-16

Spud Date: 08/16/07  
Put on Production: 10/04/07  
GL: 5719' KB: 5731'

Initial Production: BOPD,  
MCFD, BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (296.61')  
DEPTH LANDED: 308.46' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 162 jts. (6386.28')  
DEPTH LANDED: 6386.03' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 175 jts (5399.99')  
TUBING ANCHOR: 5411.99' KB  
NO. OF JOINTS: 1 jts (30.73')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5445.52' KB  
NO. OF JOINTS: 2 jts (61.53')  
TOTAL STRING LENGTH: EOT @ 5508.60' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-4' X 7/8" pony rods, 213-7/8" scraped rods, 4-1 1/2" weight bars  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' RHAC  
STROKE LENGTH: 144"  
PUMP SPEED, 5 SPM:

## FRAC JOB

|         |            |  |
|---------|------------|--|
| 10/1/07 | 5649-5658' | <b>Frac A1 sands as follows:</b><br>105895# 20/40 sand in 805 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 psi w/avg rate of 24.7 BPM. ISIP 2103 psi. Calc flush: 5647 gal. Actual flush: 4956 gal.         |
| 10/1/07 | 5236-5272' | <b>Frac B1 sands as follows:</b><br>25043# 20/40 sand in 368 bbl Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 24.7 BPM. ISIP 1852 psi. Calc flush: 5234 gal. Actual flush: 4788 gal.           |
| 10/1/07 | 5131-5137' | <b>Frac C sands as follows:</b><br>15827# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 2403 psi w/avg rate of 24.8 BPM. ISIP 2515 psi. Calc flush: 5129 gal. Actual flush: 4662 gal.           |
| 10/1/07 | 4977-5039' | <b>Frac D2 &amp; D1 sands as follows:</b><br>66384# 20/40 sand in 544 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w/avg rate of 24.7 BPM. ISIP 2193 psi. Calc flush: 4975 gal. Actual flush: 4452 gal. |
| 10/1/07 | 4475-4503' | <b>Frac GB6 sands as follows:</b><br>32962# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 1916 psi. Calc flush: 4473 gal. Actual flush: 4368 gal.         |

## PERFORATION RECORD

|            |        |           |
|------------|--------|-----------|
| 5432-5457' | 4 JSPF | 100 holes |
| 5238-5247' | 4 JSPF | 36 holes  |
| 5131-5137' | 4 JSPF | 24 holes  |
| 5032-5039' | 4 JSPF | 28 holes  |
| 4977-4984' | 4 JSPF | 28 holes  |
| 4496-4503' | 4 JSPF | 28 holes  |
| 4475-4481' | 4 JSPF | 24 holes  |

SN 5446'

EOT @ 5509'

PBTD @ 6334'

SHOE @ 6386'

TD @ 6406'

**NEWFIELD**

**WELLS DRAW FED. G-4-9-16**

1994' FNL & 1964' FWL

SW/NW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-33518; Lease # UTU-30096

Attm. 6-6

# NGC #12-4G

Spud Date: 4-8-83  
Put on Production: 9-12-83  
GL: 5734' KB: 5748'

Initial Production: 55 BOPD, 0 MCFD  
16 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 32#  
LENGTH: 7 JTS  
DEPTH LANDED: 305'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 215 skt Class "G" cmt, est 18 bbls to surface

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55, J-55  
WEIGHT: 15.5#  
LENGTH: 166 jts (6409')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 682 sks BJ Lite  
CEMENT TOP AT: 2496'  
SET AT: 6518'

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 192  
TUBING ANCHOR: 4826'  
SEATING NIPPLE: 2-7/8"  
TOTAL STRING LENGTH: ?  
SN LANDED AT: 6105'

### SUCKER RODS

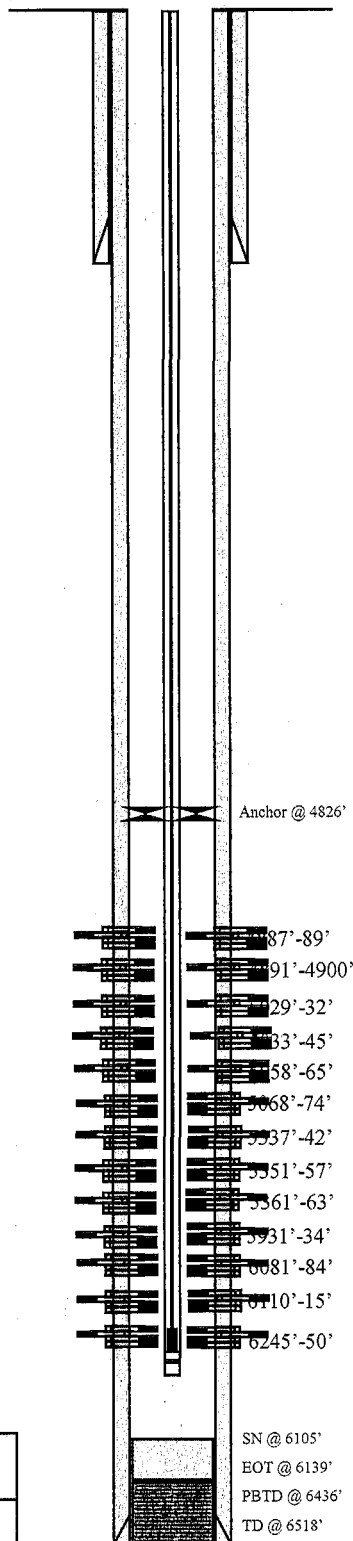
POLISHED ROD: 1-1/4"x22'  
SUCKER RODS: 92-7/8" scraped; 142-3/4" sucker, 9 sinker bars  
TOTAL ROD STRING LENGTH:  
PUMP NUMBER:  
PUMP SIZE: 2-1/2"x1-3/4"x16" RHAC  
STROKE LENGTH:  
PUMP SPEED, SPM:  
LOGS: CBL, GR, CCL (6420'-2000')

### FRAC JOB

|         |             |  |
|---------|-------------|--|
| 8-26-83 | 5931'-6250' | 80,000# 20/40 ttl sd, 26,800 gals ttl fluid. Avg rate of 38 BPM w/ avg press of 2500 psi. ISIP-1950 psi, 5 min 1900 psi. |
| 8-26-83 | 5337'-5367' | 160,000 ttl sd, 45,940 gals ttl fluid. Avg rate of 37 BPM w/ avg press of 1900 psi. ISIP-1800 psi, 5 min 1710 psi.       |
| 8-30-83 | 5029'-5074' | 198,000 ttl sd, 55,590 gals ttl fluid. Avg rate of 47 BPM w/ avg press of 2300 psi. ISIP-2100 psi, 5 min 1700 psi.       |
| 9-1-83  | 4887'-4900' | 99,400# ttl sd, 28,190 ttl fluid. Avg rate of 38 BPM w/ avg press of 2300 psi. ISIP-2250 psi, 5 min 1900 psi.            |

### PERFORATION RECORD

|         |             |        |          |
|---------|-------------|--------|----------|
| 8-24-83 | 5931'-5934' | 1 JSPF | 4 holes  |
| 8-24-83 | 6081'-6084' | 1 JSPF | 4 holes  |
| 8-24-83 | 6110'-6115' | 1 JSPF | 6 holes  |
| 8-24-83 | 6245'-6250' | 2 JSPF | 11 holes |
| 8-26-83 | 5337'-5342' | 2 JSPF | 11 holes |
| 8-26-83 | 5351'-5357' | 2 JSPF | 13 holes |
| 8-26-83 | 5361'-5363' | 2 JSPF | 5 holes  |
| 8-30-83 | 5029'-5032' | 3 JSPF | 10 holes |
| 8-30-83 | 5033'-5045' | 3 JSPF | 36 holes |
| 8-30-83 | 5058'-5065' | 3 JSPF | 22 holes |
| 8-30-83 | 5068'-5074' | 3 JSPF | 19 holes |
| 8-31-83 | 4891'-4900' | 3 JSPF | 28 holes |
| 8-31-83 | 4887'-4889' | 3 JSPF | 7 holes  |



Inland Resources Inc.

NGC #12-4G

809 FWL 2083 FNL

SWNW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-30699; Lease #U-30096

Altman 6-7

# Wells Draw #7-4

Spud Date: 4/15/98  
Put on Production: 5/20/98  
GL: 5700' KB: 5712'

Initial Production: 126 BOPD, 263 MCFD  
9 BWPD

Injection Wellbore  
Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (311')  
DEPTH LANDED: 311'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premiumplus w/2% CC, 2% gel, 1/2 #/sx flocele

## PRODUCTION CASING

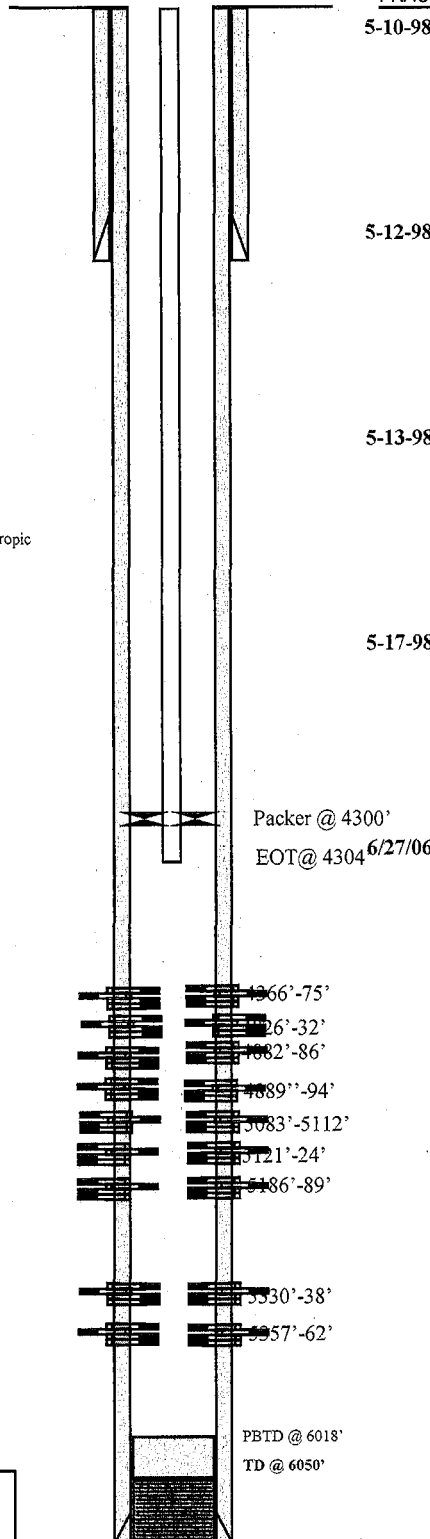
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts (6007')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 395 sxs Hibond 65 modified and 425 sxs Thixotropic w/10% calseal  
CEMENT TOP AT:  
SET AT: 6019'

## TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 138 jts  
TOTAL STRING LENGTH: 4304.30'  
SN LANDED AT: 4295.88'

## FRAC JOB

- 5-10-98 5330'-5362' Frac A sand as follows:**  
88,540# 20/40 sand in 462 bbls Viking. Breakdown @ 3544 psi. Treated w/avg press of 1900 psi w/avg rate of 28 BPM. ISIP-2850 psi, 5 min 2328 psi. Flowback on 12/64" ck for 3 hrs & died.
- 5-12-98 5083'-5189' Frac B sand as follows:**  
122,680# 20/40 sand in 565 bbls Viking. Breakdown @ 3114 psi. Treated w/avg press of 1450 psi w/avg rate of 34.8 BPM. ISIP-2050 psi, 5 min 1854 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
- 5-13-98 4826'-4894' Frac D/YDC sand as follows:**  
104,620# 20/40 sand in 533 bbls Viking. Breakdown @ 2833 psi. Treated w/avg press of 2000 psi w/avg rate of 33 BPM. ISIP-2400 psi, 5 min 2300 psi. Flowback on 12/64" ck for 2 hrs & died.
- 5-17-98 4366'-4375' Frac GB sands as follows:**  
104,520# 20/40 sand in 505 bbls Delta Frac. Breakdown @ 3350 psi. Treated w/avg press of 2250 psi w/avg rate of 25.5 BPM. ISIP-2650 psi. Flowback on 12/64" ck for 3 hrs & died.
- 5 Year MIT completed and submitted.**



## PERFORATION RECORD

|         |             |        |          |
|---------|-------------|--------|----------|
| 5-08-98 | 5330'-5338' | 4 JSPF | 32 holes |
| 5-08-98 | 5357'-5362' | 4 JSPF | 20 holes |
| 5-12-98 | 5083'-5112' | 2 JSPF | 58 holes |
| 5-12-98 | 5121'-5124' | 4 JSPF | 12 holes |
| 5-12-98 | 5186'-5189' | 4 JSPF | 12 holes |
| 5-14-98 | 4826'-4832' | 4 JSPF | 24 holes |
| 5-14-98 | 4882'-4886' | 4 JSPF | 16 holes |
| 5-14-98 | 4889'-4894' | 4 JSPF | 20 holes |
| 5-16-98 | 4366'-4375' | 4 JSPF | 36 holes |

## NEWFIELD

Wells Draw #7-4-9-16  
1980' FNL and 1980' FEL  
SWNE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31973; Lease #U-30096

Attm. 6-8

# Monument Federal #13-4-9-16

Spud Date: 1-6-97  
Put on Production: 2-4-97  
GL: 5761' KB: 5773'

Initial Production: 65 BOPD, 116 MCFD  
0 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 5 JTS (253')  
DEPTH LANDED: 263'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 skx Class G cement

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sks Prem Lite & 500 sks 50/50 Poz mix  
CEMENT TOP AT: 785'  
SET AT: 5925'

### TUBING

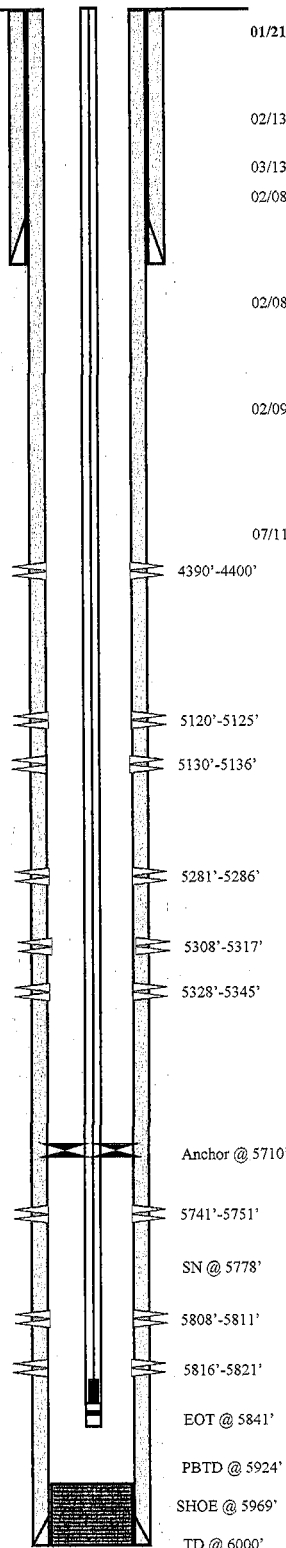
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 144 jts (4558.22')  
36 jts new (1142.08')  
TUBING ANCHOR: 5710.30' KB  
NO. OF JOINTS: 2 jts (64.56')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5777.66' KB  
NO. OF JOINTS: 2 jt (62.23')  
TOTAL STRING LENGTH: EOT @ 5841.44' KB

### SUCKER RODS

POLISHED ROD: 1-1/4" x 22'  
SUCKER RODS: 1-2', 1-4' x 3/4" pony rod, 88-3/4" guided rods, 85-3/4" slick rods, 50-3/4" guided rods, 6-1 1/2" wt bars  
PUMP SIZE: 1-25-150 RHAC 12-4-13-16  
STROKE LENGTH: 131"  
PUMP SPEED, SPM:  
LOGS: DLL/GR, LDT/CNL

### FRAC JOB

01/21/97 5281'-5345' 27,000#s 320/40 sand, 66,900# 16/30 sand, and 27,678 gals fluid. Treated w/avg rate of 30.8 BPM w/ avg press of 1690 psi. ISIP-1920 psi  
02/13/02 Tubing leak. Update rod and tubing details.  
03/13/03 Parted polished rod. Update rod detail.  
02/08/05 5741'-5821' Frac CP1 and CP.5 sands as follows: 49276#s of 20/40 sand in 408 bbls of lightning 17 fluid. Treated w/avg press of 3750 psi @ avg rate of 14.3 bpm. ISIP 2400 psi. Calc flush: 5739 gal. Actual flush: 1419 gal.  
02/08/05 5120'-5136' Frac B1 sands as follows: 40,000#s of 20/40 sand in 380 bbls of lightning 17 fluid. Treated w/avg press of 2189 psi @ avg rate of 24.8 bpm. ISIP 2140 psi. Calc flush: 1965 gal. Actual flush: 4909 gal.  
02/09/05 4390'-4400' Frac GB6 sands as follows: 25,402#s of 20/40 sand in 268 bbls of lightning 17 fluid. Treated w/avg press of 2095 psi @ avg rate of 24.7 bpm. ISIP 2140 psi. Calc flush: 4388 gal. Actual flush: 4305 gal.  
07/11/06 Tubing Leak Rod & Tubing detail updated.



### PERFORATION RECORD

| Date     | Depth Range | Tool Joint | Holes    |
|----------|-------------|------------|----------|
| 02/07/05 | 5816'-5821' | 4JSPF      | 20 holes |
| 02/07/05 | 5808'-5811' | 4JSPF      | 12 holes |
| 02/07/05 | 5741'-5751' | 4JSPF      | 40 holes |
| 01/18/97 | 5328'-5345' | 4JSPF      | 68 holes |
| 01/18/97 | 5308'-5317' | 4JSPF      | 36 holes |
| 01/18/97 | 5281'-5286' | 4JSPF      | 20 holes |
| 02/07/05 | 5130'-5136' | 4JSPF      | 24 holes |
| 02/07/05 | 5120'-5125' | 4JSPF      | 20 holes |
| 02/09/05 | 4390'-4400' | 4JSPF      | 40 holes |



## Monument Federal #13-4-9-16

2050 FSL & 660 FWL

NWSW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31716; Lease #U-73086

# Federal #11-4G-9-16

Spud Date: 12/21/89  
Put on Production: 3/21/90  
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD  
130 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 JTS  
DEPTH LANDED: 296'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 Class "G" cmt, est 7 bbls to surface

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 151 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC  
CEMENT TOP AT: 1430'  
SET AT: 6453'

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 185 jts (5800.04')  
TUBING ANCHOR: 5813.04' KB  
NO. OF JOINTS: 2 jts (62.73')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5878.57'  
NO. OF JOINTS: 1 jt (31.35')  
TOTAL STRING LENGTH: EOT @ 5911.47' w/13' KB

### SUCKER RODS

POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 1- 7/8" plain rods, 91- 7/8" scraped rods, 4- 3/4" scraped rods, 122- 3/4" plain rods, 10- 3/4" scraped rods  
PUMP SIZE: 2-1/2" X 1-3/4" X 12 X 16' RHAC  
STROKE LENGTH: 62"  
PUMP SPEED, SPM: 7 SPM  
LOGS: DIL/CDL/DSN, CBL/VDL/CLL

### FRAC JOB

2-15-90 5847'-5862' 35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.  
2-17-90 5515'-5560' Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.  
2-21-90 5360'-5435' 70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.  
2-24-90 5222'-5019' 41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.  
2-27-90 4924'-4946' 48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.  
2-05-03 5156'-5162' Frac B.5 sands as follows:  
20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.  
2-05-03 4440'-4476' Frac GB6 sands as follows:  
74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.  
02-20-06 Pump Change. Updated rod and tubing detail

### PERFORATION RECORD

| Date    | Interval    | Tool   | Holes     |
|---------|-------------|--------|-----------|
| 2-13-90 | 5847'-5862' | 4 JSPF | 60 holes  |
| 2-16-90 | 5515'-5560' | 4 JSPF | 180 holes |
| 2-20-90 | 5360'-5370' | 4 JSPF | 40 holes  |
| 2-20-90 | 5386'-5393' | 4 JSPF | 28 holes  |
| 2-20-90 | 5420'-5435' | 4 JSPF | 60 holes  |
| 2-22-90 | 5222'-5230' | 4 JSPF | 32 holes  |
| 2-22-90 | 5108'-5113' | 4 JSPF | 20 holes  |
| 2-22-90 | 5013'-5019' | 4 JSPF | 24 holes  |
| 2-26-90 | 4924'-4946' | 4 JSPF | 88 holes  |
| 2-04-03 | 5156'-5162' | 4 JSPF | 24 holes  |
| 2-04-03 | 4468'-4476' | 4 JSPF | 32 holes  |
| 2-04-03 | 4460'-4466' | 4 JSPF | 24 holes  |
| 2-04-03 | 4440'-4448' | 4 JSPF | 32 holes  |

**NEWFIELD**

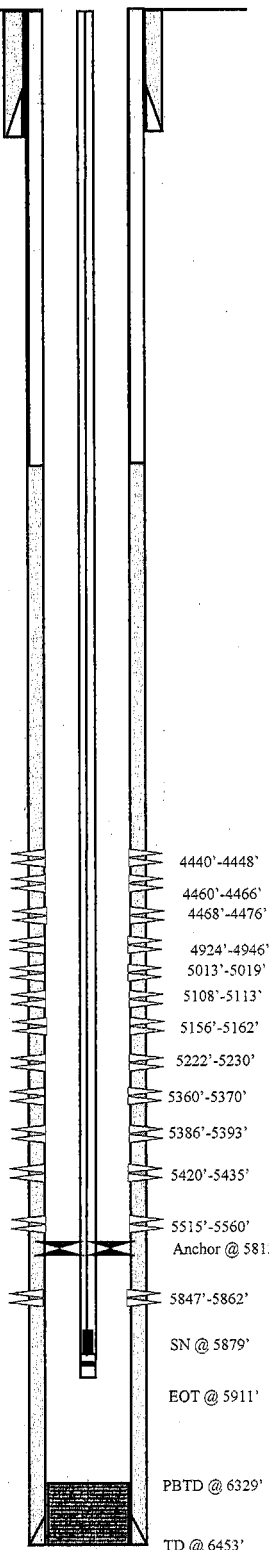
**Federal #11-4G-9-16**

800 FWL & 660 FNL

NWNW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31250; Lease #U-30096





A HANE-10

# South Wells Draw #10-4

Spud Date: 10/28/99  
Put on Production: 11/26/99  
GL: 5656' KB: 5666'

Initial Production: 44 BOPD, 59 MCFD  
2 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (325.47')  
DEPTH LANDED: 323.17'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 124 sx Class "G" w/2% CC and 1/4#/sk flocele;  
followed by 17 sx Class "G" w/2% CC and 1/4#/sk flocele.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55 and N-80  
WEIGHT: 15.5#  
LENGTH: 132 jts (5568.93')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sx Premium Lite II Modified; and 305 sx 50/50  
Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
CASING SET AT: 5566.63'

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 168 jts (5214.27')  
TUBING ANCHOR: 5224.27'  
NO. OF JOINTS: 1 jt. (30.96')  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 5258.03'  
NO. OF JOINTS: PBGA jt. 31.24'  
NO. OF JOINTS: 3 jts (92.52')  
TOTAL STRING LENGTH EOT @: 5383.69'

### SUCKER RODS

POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 4-11/2" weight rods; 10-3/4" scraped rods; 107-3/4" plain;  
88-3/4" scraped, 1-4", 1-6", x3/4" pony rods  
PUMP SIZE: 2-1/2"x1-1/2"x15' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM  
LOGS: DIGL/SP/GR/CAL  
DSN/SDL/GR

### FRAC JOB

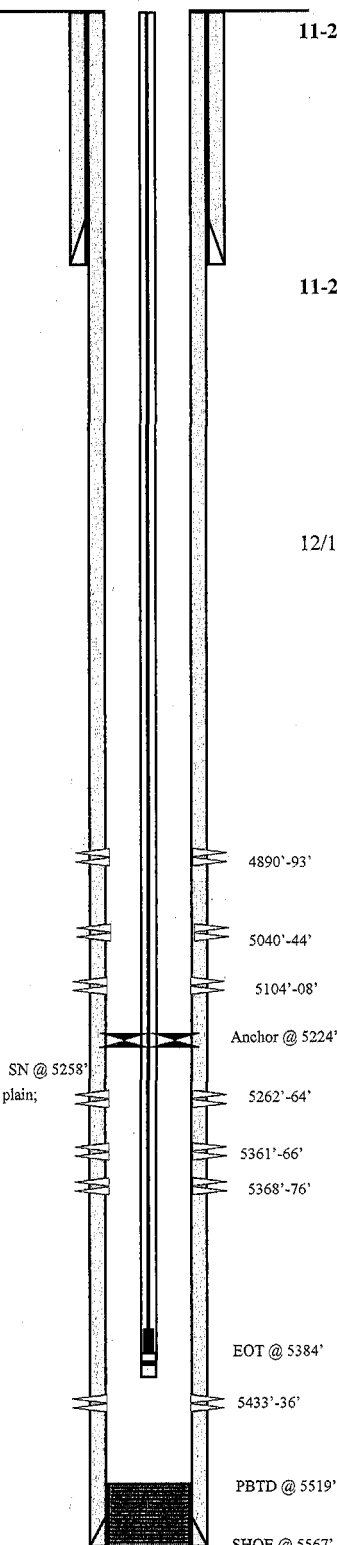
11-20-99 5262'-436' Frac A/LDC sand as follows:  
102,200# 20/40 sand in 602 bbls  
Boragel fluid. Breakdown  
@ 2070 psi. Treated w/avg  
press of 2521 psi w/avg rate of  
35.9 BPM. ISIP-3125 psi, 5  
min 2972 psi. Left pressure on well.  
Re-set plug; released pressure off well.  
Flowback 2 bbls fluid.

11-20-99 4890'-5108'

Frac C/B sand as follows:  
99,900# 20/40 sand in 547 bbls  
30# Boragel. Breakdown  
@ 1888 psi. Treated w/avg  
press of 2058 psi w/avg rate of  
31.5 BPM. ISIP-2000 psi, 5  
min 1938 psi. Flowback on  
12/64" ck for 2-1/2 hrs & died.

12/13/02

Parted rods. Update rod and tubing  
detail.



### PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 11-20-99 | 5262'-5264' | 4 JSPF | 8 holes  |
| 11-20-99 | 5361'-5366' | 4 JSPF | 20 holes |
| 11-20-99 | 5368'-5376' | 4 JSPF | 32 holes |
| 11-20-99 | 5433'-5436' | 4 JSPF | 12 holes |
| 11-20-99 | 4890'-4893' | 4 JSPF | 12 holes |
| 11-20-99 | 5040'-5044' | 4 JSPF | 16 holes |
| 11-20-99 | 5104'-5108' | 4 JSPF | 16 holes |



Inland Resources Inc.

South Wells Draw #10-4

2068' FSL and 2042' FEL

NWSE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32103; Lease #U-77338

KAR 12/30/02

# South Wells Draw #14A-4-9-16

Spud Date: 1/17/2000  
Put on Production: 7/13/2000  
GL: 5711' KB: 5721'

Initial Production: 75 BOPD,  
90 MCFD, 4 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (305.07')  
DEPTH LANDED: 316'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55 & N-80  
WEIGHT: 15.5# & 17.0#  
LENGTH: 144 jts. (5861.96')  
DEPTH LANDED: 5859.76'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: Surface per CBL

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 182 jts (5658.64')  
TUBING ANCHOR: 5544'  
SEATING NIPPLE: 2-7/8" (1.10')  
TOTAL STRING LENGTH: EOT @ 5705'  
SN LANDED AT: 5578'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1-1/2"x25' weight bars, 10 -3/4" guided rods, 118 - 3/4" slick rods, 90 - 3/4" guided rods, 1 -3/4"x6' pony rod.  
PUMP SIZE: 2-1/2" x 1-1/2" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 8 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## FRAC JOB

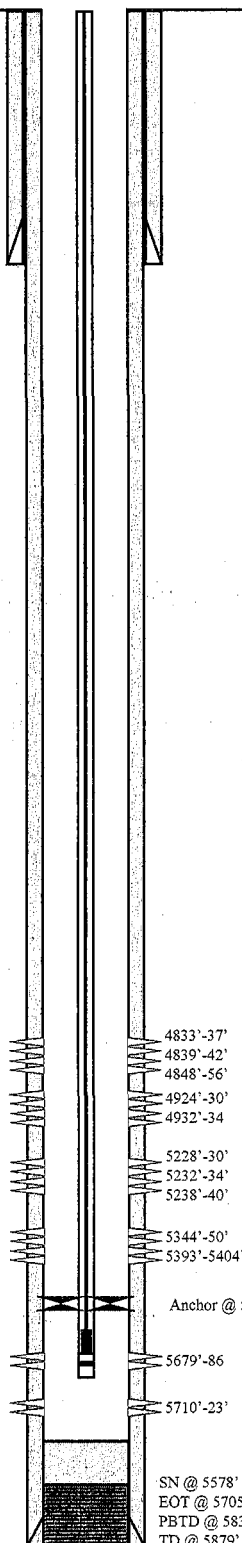
2/15/00 5679'-5723' **Frac CP sand as follows:**  
83,359# 20/40 sand in 487 bbls Viking I-25 fluid. Perfs broke down @ 3656 psi. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 2520 psi, 5 min 2392 psi.

2/15/00 5228'-5404' **Frac A/LDC sand as follows:**  
101,132# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke down @ 3480 psi. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. Had several small breaks & a large pressure break when bringing pumps up to rate. With approx 40 bbls left to flush, pressure was near maximum. Rate was decreased 25 BPM, then pressure dropped off approx 2000 psi & a full flush was achieved. ISIP 2380 psi, 5 min 2170 psi

2/15/00 4833'-4934' **Frac C/D sand as follows:**  
64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. With 7# sand on perfs, pressure increased rapidly. Rate was increased & sand cut @ blender @ 8-1/2# but maximum pressure was reached before any flush water was pumped. Screened out with approx 38,257# sand in perfs and 25,000# sand left in csg.

## PERFORATION RECORD

|         |             |        |          |
|---------|-------------|--------|----------|
| 2/15/00 | 5710'-5723' | 4 JSPF | 52 holes |
| 2/15/00 | 5679'-5686' | 4 JSPF | 28 holes |
| 2/15/00 | 5393'-5404' | 4 JSPF | 44 holes |
| 2/15/00 | 5344'-5350' | 4 JSPF | 24 holes |
| 2/15/00 | 5238'-5240' | 4 JSPF | 8 holes  |
| 2/15/00 | 5228'-5230' | 4 JSPF | 8 holes  |
| 2/15/00 | 5232'-5234' | 4 JSPF | 8 holes  |
| 2/16/00 | 4932'-4934' | 4 JSPF | 8 holes  |
| 2/16/00 | 4924'-4930' | 4 JSPF | 24 holes |
| 2/16/00 | 4848'-4856' | 4 JSPF | 32 holes |
| 2/16/00 | 4833'-4837' | 4 JSPF | 16 holes |
| 2/16/00 | 4839'-4842' | 4 JSPF | 12 holes |



Inland Resources Inc.

South Wells Draw #14A-4-9-16

731 FSL 2030 FWL

SESW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32107; Lease #UTU-64379

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

|                     |                      |                  |                            |
|---------------------|----------------------|------------------|----------------------------|
| Company:            | NEWFIELD EXPLORATION | Sales RDT:       | 31706                      |
| Region:             | WESTERN REGION       | Account Manager: | RANDY HUBER (435) 823-0023 |
| Area:               | MYTON, UT            | Sample #:        | 43435                      |
| Lease/Platform:     | WELLS DRAW           | Analysis ID #:   | 79482                      |
| Entity (or well #): | 6-4G-9-16            | Analysis Cost:   | \$80.00                    |
| Formation:          | UNKNOWN              |                  |                            |
| Sample Point:       | WELLHEAD             |                  |                            |

| Summary                           |               | Analysis of Sample 43435 @ 75 °F |        |        |                   |        |        |
|-----------------------------------|---------------|----------------------------------|--------|--------|-------------------|--------|--------|
| <b>Sampling Date:</b>             | 02/19/08      | <b>Anions</b>                    | mg/l   | meq/l  | <b>Cations</b>    | mg/l   | meq/l  |
| <b>Analysis Date:</b>             | 02/26/08      | <b>Chloride:</b>                 | 4853.0 | 136.89 | <b>Sodium:</b>    | 3459.4 | 150.48 |
| <b>Analyst:</b>                   | LISA HAMILTON | <b>Bicarbonate:</b>              | 691.0  | 11.32  | <b>Magnesium:</b> | 3.0    | 0.25   |
| <b>TDS (mg/l or g/m3):</b>        | 9170.5        | <b>Carbonate:</b>                | 118.0  | 3.93   | <b>Calcium:</b>   | 15.0   | 0.75   |
| <b>Density (g/cm3, tonne/m3):</b> | 1.006         | <b>Sulfate:</b>                  | 3.0    | 0.06   | <b>Strontium:</b> | 3.5    | 0.08   |
| <b>Anion/Cation Ratio:</b>        | 1.0000000     | Phosphate:                       |        |        | <b>Barium:</b>    | 4.0    | 0.06   |
| Carbon Dioxide:                   |               | Borate:                          |        |        | <b>Iron:</b>      | 6.5    | 0.23   |
| Oxygen:                           |               | Silicate:                        |        |        | Potassium:        | 14.0   | 0.36   |
| Comments:                         |               | Hydrogen Sulfide:                |        |        | Aluminum:         |        |        |
|                                   |               | pH at time of sampling:          |        |        | Chromium:         |        |        |
|                                   |               | pH at time of analysis:          |        | 8.45   | Copper:           |        |        |
|                                   |               | pH used in Calculation:          |        | 8.45   | Lead:             |        |        |
|                                   |               |                                  |        |        | Manganese:        | 0.090  | 0.     |
|                                   |               |                                  |        |        | Nickel:           |        |        |

| Conditions |              | Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl |        |  |        |                                |        |                                |        |                             |        |                       |
|------------|--------------|---|--------|--|--------|--------------------------------|--------|--------------------------------|--------|-----------------------------|--------|-----------------------|
| Temp       | Gauge Press. | Calcite<br>CaCO <sub>3</sub>  |        | Gypsum<br>CaSO <sub>4</sub> *2H <sub>2</sub> O |        | Anhydrite<br>CaSO <sub>4</sub> |        | Celestite<br>SrSO <sub>4</sub> |        | Barite<br>BaSO <sub>4</sub> |        | CO <sub>2</sub> Press |
| °F         | psi          | Index   | Amount | Index  | Amount | Index                          | Amount | Index                          | Amount | Index                       | Amount | psi                   |
| 80         | 0            | 0.56  | 7.99   | -4.41  | 0.00   | -4.48                          | 0.00   | -3.27                          | 0.00   | -0.11                       | 0.00   | 0.04                  |
| 100        | 0            | 0.53  | 7.99   | -4.43  | 0.00   | -4.43                          | 0.00   | -3.25                          | 0.00   | -0.26                       | 0.00   | 0.07                  |
| 120        | 0            | 0.51  | 7.99   | -4.43  | 0.00   | -4.35                          | 0.00   | -3.22                          | 0.00   | -0.38                       | 0.00   | 0.12                  |
| 140        | 0            | 0.51  | 7.99   | -4.42  | 0.00   | -4.25                          | 0.00   | -3.19                          | 0.00   | -0.48                       | 0.00   | 0.2                   |

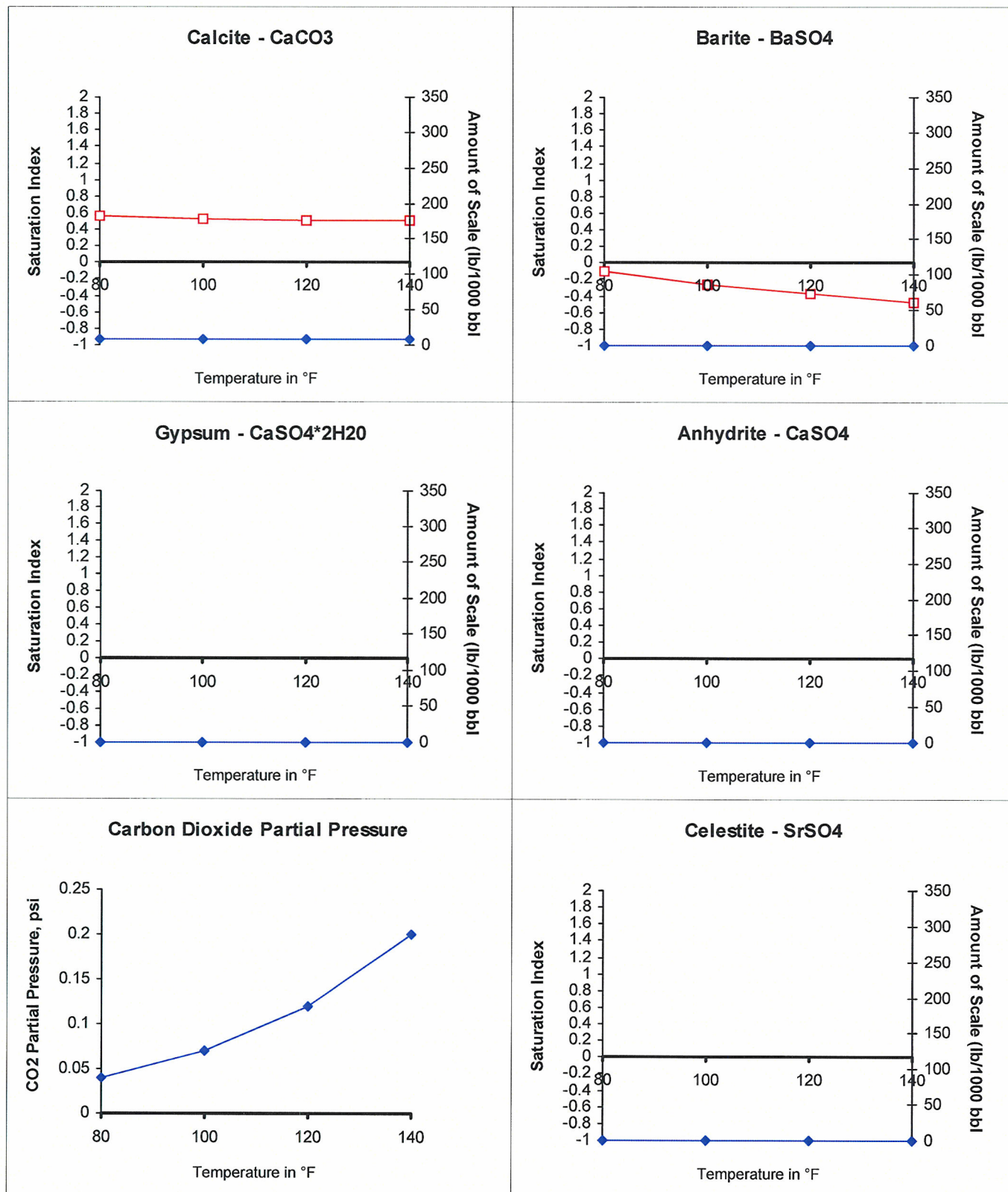
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

## Scale Predictions from Baker Petrolite

Analysis of Sample 43435 @ 75 °F for NEWFIELD EXPLORATION, 02/26/08



Handwritten: 3 OF 4

West Coast Region  
 5125 Boylan Street  
 Bakersfield, CA 93308  
 (661) 325-4138  
 Lab Team Leader - Sheila Hernandez  
 (432) 495-7240

## Water Analysis Report by Baker Petrolite

|                     |                      |                  |                            |
|---------------------|----------------------|------------------|----------------------------|
| Company:            | NEWFIELD EXPLORATION | Sales RDT:       | 31706                      |
| Region:             | WESTERN REGION       | Account Manager: | RANDY HUBER (435) 823-0023 |
| Area:               | MYTON, UT            | Sample #:        | 409361                     |
| Lease/Platform:     | SOUTH WELLS DRAW     | Analysis ID #:   | 78571                      |
| Entity (or well #): | INJECTION SYSTEM     | Analysis Cost:   | \$80.00                    |
| Formation:          | UNKNOWN              |                  |                            |
| Sample Point:       | TRIPLEX SUCTION      |                  |                            |

| Summary                    |              | Analysis of Sample 409361 @ 75 °F |        |       |                |        |       |
|----------------------------|--------------|-----------------------------------|--------|-------|----------------|--------|-------|
| Sampling Date:             | 01/20/08     | <b>Anions</b>                     | mg/l   | meq/l | <b>Cations</b> | mg/l   | meq/l |
| Analysis Date:             | 01/25/08     | Chloride:                         | 2313.0 | 65.24 | Sodium:        | 1726.0 | 75.08 |
| Analyst:                   | STACEY SMITH | Bicarbonate:                      | 678.0  | 11.11 | Magnesium:     | 19.0   | 1.56  |
| TDS (mg/l or g/m3):        | 4924.9       | Carbonate:                        | 0.0    | 0.    | Calcium:       | 39.0   | 1.95  |
| Density (g/cm3, tonne/m3): | 1.003        | Sulfate:                          | 129.0  | 2.69  | Strontium:     | 2.5    | 0.06  |
| Anion/Cation Ratio:        | 1.0000001    | Phosphate:                        |        |       | Barium:        | 7.0    | 0.1   |
| Carbon Dioxide:            |              | Borate:                           |        |       | Iron:          | 0.3    | 0.01  |
| Oxygen:                    |              | Silicate:                         |        |       | Potassium:     | 11.0   | 0.28  |
| Comments:                  |              | Hydrogen Sulfide:                 |        |       | Aluminum:      |        |       |
|                            |              | pH at time of sampling:           |        |       | Chromium:      |        |       |
|                            |              | pH at time of analysis:           |        | 8.13  | Copper:        |        |       |
|                            |              | pH used in Calculation:           |        | 8.13  | Lead:          |        |       |
|                            |              |                                   |        |       | Manganese:     | 0.060  | 0.    |
|                            |              |                                   |        |       | Nickel:        |        |       |

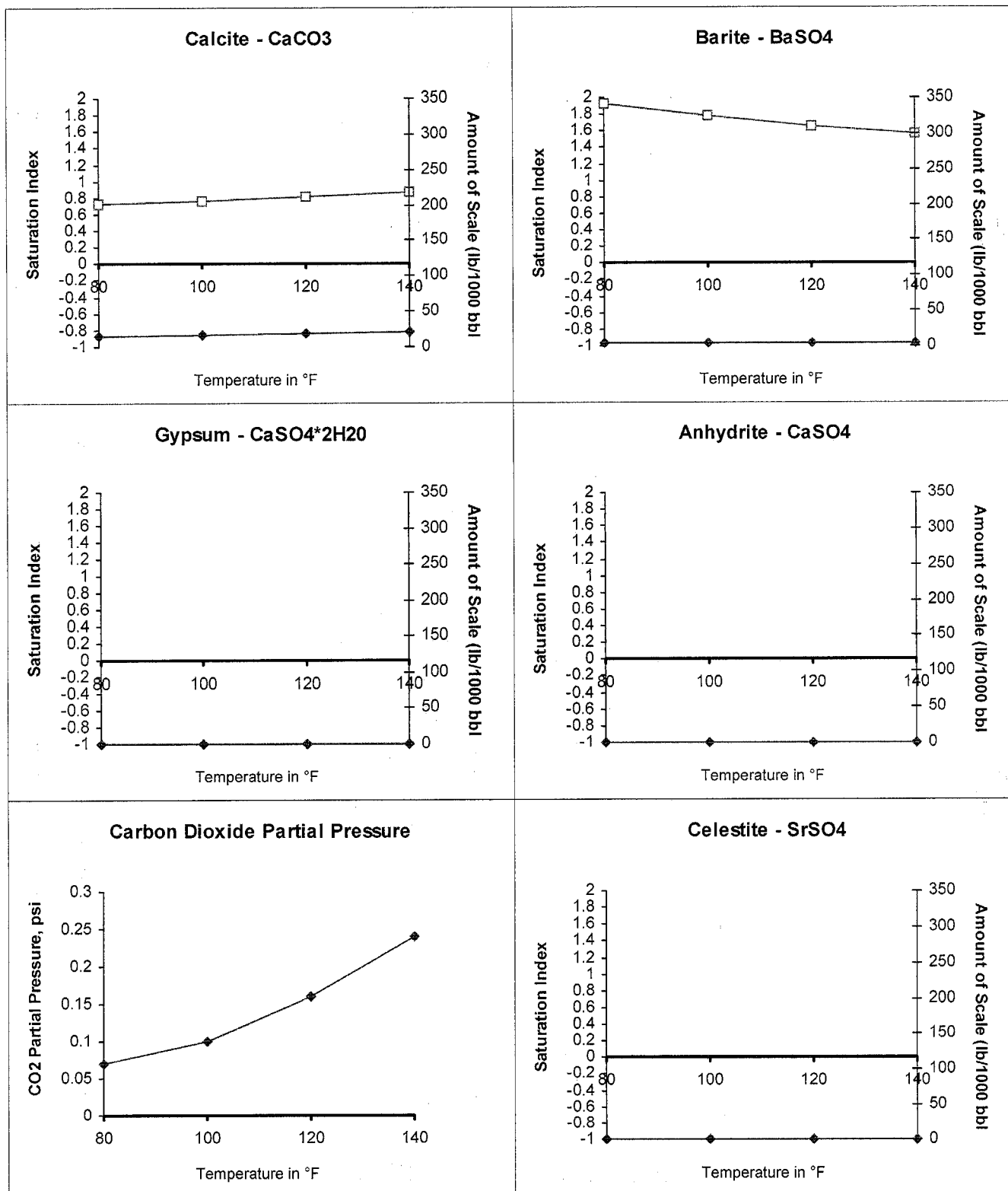
| Conditions |              | Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl |        |  |        |                                |        |                                |        |                             |        |                       |
|------------|--------------|---|--------|--|--------|--------------------------------|--------|--------------------------------|--------|-----------------------------|--------|-----------------------|
| Temp       | Gauge Press. | Calcite<br>CaCO <sub>3</sub>  |        | Gypsum<br>CaSO <sub>4</sub> *2H <sub>2</sub> O |        | Anhydrite<br>CaSO <sub>4</sub> |        | Celestite<br>SrSO <sub>4</sub> |        | Barite<br>BaSO <sub>4</sub> |        | CO <sub>2</sub> Press |
| °F         | psi          | Index   | Amount | Index  | Amount | Index                          | Amount | Index                          | Amount | Index                       | Amount | psi                   |
| 80         | 0            | 0.72  | 14.65  | -2.18  | 0.00   | -2.25                          | 0.00   | -1.63                          | 0.00   | 1.92                        | 4.19   | 0.07                  |
| 100        | 0            | 0.76  | 16.74  | -2.19  | 0.00   | -2.19                          | 0.00   | -1.61                          | 0.00   | 1.78                        | 4.19   | 0.1                   |
| 120        | 0            | 0.81  | 19.18  | -2.19  | 0.00   | -2.11                          | 0.00   | -1.58                          | 0.00   | 1.66                        | 4.19   | 0.16                  |
| 140        | 0            | 0.86  | 21.62  | -2.18  | 0.00   | -2.01                          | 0.00   | -1.54                          | 0.00   | 1.57                        | 4.19   | 0.24                  |

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Alma. F  
4054

## Scale Predictions from Baker Petrolite

Analysis of Sample 409361 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



**Attachment "G"**

**Wells Draw 6-4G-9-16  
Proposed Maximum Injection Pressure**

| Frac Interval<br>(feet) |        | Avg. Depth<br>(feet) | ISIP<br>(psi) | Calculated<br>Frac<br>Gradient<br>(psi/ft) | Pmax        |
|-------------------------|--------|----------------------|---------------|--|-------------|
| Top                     | Bottom |                      |               |  |             |
| 5511                    | 5569   | 5540                 | 2411          | 0.87                                       | 2375        |
| 5328                    | 5336   | 5332                 | 2094          | 0.83                                       | 2059        |
| 4872                    | 5039   | 4956                 | 2094          | 0.86                                       | 2062        |
| 4872                    | 4889   | 4881                 | 2625          | 0.97                                       | 2593        |
| 4414                    | 4428   | 4421                 | 2080          | 0.90                                       | 2051        |
|                         |        |                      |               | <b>Minimum</b>                             | <u>2051</u> |

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (Frac\ Grad - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



A Hachment 9-1  
1 of 2

## Daily Completion Report

### Wells Draw 6-4

SE/NW Sec. 4, 9S, 16E  
Duchesne Co., Utah  
API #43-013-31972

Spud Date: 1/7/98  
MIRU Drl Rig: 1/10/98, Four Corners #6  
TD: 6025'  
Completion Rig: Flint #4

### 1/28/98 PO: Perf LDC sds. (Day 1)

Summary: 1/27/98 – MIRU Flint #4. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 191 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBTB @ 5962'. Press test csg & BOP to 3000 psi. Swab FL dn to 5000'. TOH w/tbg. LD bit & scraper. SIFN.  
DC: \$20,673 TWC: \$180,780

### 1/29/98 PO: Frac LDC sds. (Day 2)

Summary: 1/28/98 – RU HLS & perf LDC sds @ 5511-17', 5522-32' & 5549'-69' w/4 jsp. TIH w/tbg to 5930'. IFL @ 4900'. Made 4 swab runs, rec 11 BTF. FFL @ 5000'. SIFN.  
DC: \$5,778 TWC: \$186,558

### 1/30/98 PO: Perf A sds. (Day 3)

Summary: 1/29/98 – TP: 0, CP: 0. IFL @ 5000'. Made 3 swab runs, rec 10 BTF. FFL @ 5500'. TOH w/tbg. NU isolation tool. RU Halliburton & frac LDC sds w/120,300# 20/40 sd in 582 bbls Delta Frac. Perfs broke dn @ 2640 psi. Treated @ ave press of 1980 psi w/ave rate of 34.9 BPM. ISIP: 2411 psi, 5 min: 2168 psi. Flowback on 12/64 choke for 4-1/2 hrs & died. Rec 282 BTF (est 48% of load). SIFN w/est 300 BWTR.  
DC: \$27,954 TWC: \$214,512

### 1/31/98 PO: Frac A sds. (Day 4)

Summary: 1/30/98 – CP: 70. Thaw wellhead & BOP w/HO Trk. Bleed off est 8 bbls frac fluid. TIH w/5-1/2" RBP & tbg. Set plug @ 5431'. Press test plug to 3000 psi. Swab FL dn to 4800'. Rec 104 BTF. TOH w/tbg. RU HLS & perf A sds @ 5328-36' w/4 jsp. TIH w/tbg to 5401'. IFL @ 4400'. Made 5 swab runs, rec 16 BTF w/tr oil. FFL @ 5300'. SIFN w/est 172 BWTR.  
DC: \$4,694 TWC: \$219,206

### 2/1/98 PO: Perf & breakdown D/C sds. (Day 5)

Summary: 1/31/98 – TP: 0, CP: 0. IFL @ 5100'. Made 2 swab runs, rec 3 BTF w/tr oil. FFL @ 5300'. TOH w/tbg. NU isolation tool. RU Halliburton & frac A sds w/81,300# 20/40 sd in 459 bbls Delta Frac. Perfs broke dn @ 2501 psi. Treated @ ave press of 3500 psi w/ave rate of 25 BPM. Flush rate varied w/pressure f/10 BPM as low as 3 BPM. ISIP: 3854 psi, 5 min: 3041 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 96 BTF (est 21% of load). SIFN w/est 532 BWTR.  
DC: \$22,071 TWC: \$241,277

### 2/2/98 SD for Sunday.

### 2/3/98 PO: Frac D/C sds. (Day 6)

Summary: 2/2/98 – CP: 70. Thaw well head & BOP w/HO Trk. Bleed off est 4 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 5092'. CO sd to RBP @ 5431'. Lost est 40 BW. Release plug. Pull uphole & reset @ 5092'. Press test plug to 3000 psi. TOH w/tbg. RU HLS & perf D/C sds @ 4872-74', 4878-89', 4933-40', 4942-44', 5028-31' & 5034-39' w/4 jsp. TIH w/5-1/2" RTTS pkr & tbg. Set pkr @ 5000'. Break dn perfs 5028' thru 5039' @ 2200 psi. Pmp 1 BW @ 2 BPM @ 1600 psi. Break dn perfs 4872 thru 4944' @ 1650 psi. Pmp 1 BW @ 3.4 BPM @ 1350 psi. Release pkr. Pull to 4847'. IFL @ sfc. Made 3 swab runs, rec 24 BW. FFL @ 1100'. SIFN w/est 546 BWTR.  
DC: \$5,504 TWC: \$246,781





**Wells Draw 6-4**  
SE/NW Sec. 4, 9S, 16E  
Duchesne Co., Utah  
API #43-013-31972

Spud Date: 1/1/98  
MIRU Drl Rig: 1/10/98, Four Corners #6  
TD: 6025'  
Completion Rig: Flint #4

A Hammer 2 of 2

**2/4/98 PO: Pull plug. CO PBTD. Swab well. (Day 7)**

Summary: 2/3/98 – TP: 20, CP: 50. Bleed gas off well. IFL @ 1100'. Made 14 swab runs rec 109 BTF (est 100 BW, 9 BO). FFL maintaining 3400'. TOH w/tbg. NU isolation tool. RU Halliburton & frac D/C sds w/113,300# 20/40 sd in 556 bbls Delta Frac. Perfs broke back @ 1109 psi @ 11 BPM. Saw 2<sup>nd</sup> break @ 2078 psi @ 29 BPM. Treated @ ave press of 1600 psi w/ave rate of 30 BPM. ISIP: 2094 psi, 5 min: 2026 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 139 BTF (est 25% of load). SIFN w/est 863 BWTR.  
DC: \$26,749 TWC: \$273,530

**2/5/98 PO: Swab well. Trip production tbg. (Day 8)**

Summary: 2/4/98 – CP: 0. Thaw well head & BOP w/HO Trk. TIH w/RH & tbg. TIH w/RH & tbg. Tag sd @ 4749'. CO sd to RBP @ 5092'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5618'. CO sd to PBTD @ 5962'. Circ hole clean. Lost est 155 BW during circ's. Pull EOT to 5931'. SIFN w/est 1018 BWTR.  
DC: \$2,098 TWC: \$275,628

**2/6/98 PO: PU rods. Place well on production. (Day 9)**

Summary: 2/5/98 – TP: 0, CP: 0. IFL @ 800'. Made 24 swab runs, rec 275 BTF (est 256 BW, 19 BO) w/no sd. FOC @ 10%. FFL @ 2400'. TIH w/tbg. Tag PBTD @ 5962'. TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts tbg, perf sub, SN, 3 jts tbg, 5-1/2" TA, 176 jts tbg. ND BOP. Set TA @ 5486' w/SN @ 5592' & EOT @ 5661'. Land tbg w/10,000# tension. NU wellhead. SIFN w/est 762 BWTR.  
DC: \$3,494 TWC: \$279,122

**2/7/98 PO: Well on production. (Day 10)**

Summary: 2/6/98 – TP: 20, CP: 60. Bleed gas off well. Flush tbg w/33 BW. PU & TIH w/rod string as follows: 2-1/2" x 1-1/2" x 15-1/2' RHAC pmp, 4 – 1-1/2" weight rods, 4 – 3/4" scraped rods, 119 – 3/4" plain rods, 96 – 3/4" scraped rods, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/10 BW. Press test pmp & tbg to 400 psi. Stroke pmp up to 900 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 3:30 PM, 2/6/98 W/74" SL @ 7 SPM.** Est 728 BWTR.  
DC: \$94,527 TWC: \$373,649

**ATTACHMENT H**  
**WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4319'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Pump 39 sx Class G Cement down 5 -1/2" casing to 340'

The approximate cost to plug and abandon this well is \$35,401.

WELLS DRAW #6-4G-9-16

# Wells Draw #6-4-9-16

Spud Date: 1/7/98  
Put on Production: 2/6/98  
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD  
8 BWPD

## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

CEMENT TOP AT: Surface per CBL

Pump 39 sx Class G Cement down 5 -1/2" casing to 340'

Casing Shoe @ 290'

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts 5997'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic  
CEMENT TOP AT: Surface per CBL  
SHOE SET AT: 6008'

200' Balanced Plug (25 sx) Class G Cement over water zone 2000' - 2200'

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4319'

4414'-4428'

4872'-4874'

4878'-4889'

4933'-4940'

4942'-4944'

5028'-5031'

5034'-5039'

5328'-5336'

5511'-5517'

5522'-5532'

5549'-5569'

PBTD @ 5962'

SHOE @ 6008'

TD @ 6025'



### Wells Draw #6-4-9-16

1980' FNL & 1980' FWL

SE/NW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31972; Lease #U-30096

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on Reverse Side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include are code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FNL 1980 FWL  
SENW Section 4 T9S R16E

5. Lease Serial No.

USA UTU-30096

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WELLS DRAW UNIT

8. Well Name and No.  
WELLS DRAW 6-4G

9. API Well No.  
4301331972

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                 |   |   |   |
|--|--|---|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize               | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing          | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation              | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Casing Repair         | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete               | <input type="checkbox"/> Other _____    |
|  | <input type="checkbox"/> Change Plans          | <input type="checkbox"/> Plug & Abandon   | <input type="checkbox"/> Temporarily Abandon      | _____                                   |
|  | <input checked="" type="checkbox"/> Convert to | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           | _____                                   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

2/28/08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



February 28, 2008

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Wells Draw 6-4G-9-16  
Monument Butte, Lease #U-30096  
Section 4-Township 9S-Range 16E  
Duchesne County, Utah

43 013 31972

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Wells Draw #6-4G-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field. I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending from the end of the signature.

Eric Sundberg  
Regulatory Analyst

**RECEIVED**

**MAR 05 2008**

**DIV. OF OIL, GAS & MINING**

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Wells Draw 6-4G-9-16

**Location:** 4/9S/16E      **API:** 43-013-31972

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 290 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,997 feet. A cement bond log demonstrates adequate bond in this well up to 3,286 feet. A 2 7/8 inch tubing with a packer will be set at 4,379 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells, 4 injection wells and 2 shut-in wells in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 620 feet. Injection shall be the interval between 4,174 feet and 5,736 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-4G-9-16 well is .90 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,051 psig. The requested maximum pressure is 2,051 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Wells Draw 6-4G-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Wells Draw Unit December 1, 1993. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 03/19/2008





**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 344**

BEFORE THE DIVI-  
SION OF OIL, GAS AND  
MINING

DEPARTMENT OF  
NATURAL RESOURC-  
ES

STATE OF UTAH  
THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given  
that the Division of Oil,  
Gas and Mining (the "Di-  
vision") is commencing

an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of  
March, 2008

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt

Associate Director  
Published in the Uintah  
Basin Standard March 25,  
2008.

**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 03/21/2008 3:46 PM  
**Subject:** Legals run dates

Jean,

Legals UIC 066.2, UIC 345, UIC 346 and UIC 344 will all run in our March 25th issue.

Thank you,

Bonnie Parrish  
Uintah Basin Standard  
435-722-5131



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 22, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Wells Draw Unit Well: Wells Draw Federal 6-4G-9-16, Section 4, Township 9 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton  
Duchesne County  
Well File



INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## INJECTION WELL - PRESSURE TEST

Brad Hill  
IN RBDMs

Well Name: WD #6-4-9-16 API Number: 43-013-31972  
Qtr/Qtr: SE/NW Section: 4 Township: 9S Range: 16E  
Company Name: NEWFIELD  
Lease: State Chenab Singh Fee 430096 Indian \_\_\_\_\_  
Inspector: Chenab Singh Date: 10-08-08

**Initial Conditions:**

**Tubing - Rate:**

Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 1375 psi

**Conditions During Test:**

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0              | 1375             | 0               |
| 5              | 1375             | 0               |
| 10             | 1375             | 0               |
| 15             | 1375             | 0               |
| 20             | 1375             | 0               |
| 25             | 1375             | 0               |
| 30             | 1375             | 0               |

Results: Pass/Fail

### Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 1375 psi

COMMENTS:

Operator Representative

**RECEIVED**

OCT 09 2008

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

|   |  |  |
|---|--|--|
| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>USA UTU-30096 |
| 2. NAME OF OPERATOR:<br>NEWFIELD PRODUCTION COMPANY   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                    |
| 3. ADDRESS OF OPERATOR:<br>Route 3 Box 3630 CITY Myton STATE UT ZIP 84052   |  | 7. UNIT or CA AGREEMENT NAME:<br>WELLS DRAW UNIT         |
| 4. LOCATION OF WELL:<br>FOOTAGES AT SURFACE: 1980 FNL 1980 FWL  |  | 8. WELL NAME and NUMBER:<br>WELLS DRAW 6-4G              |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 4, T9S, R16E   |  | 9. API NUMBER:<br>4301331972                             |
|   |  | 10. FIELD AND POOL, OR WILDCAT:<br>MONUMENT BUTTE        |
|   |  | COUNTY: DUCHESNE   |
|   |  | STATE: UT  |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION   | TYPE OF ACTION   |  |   |
|--|--|--|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br>_____                      | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input checked="" type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/STOP)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARITLY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLAIR<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input checked="" type="checkbox"/> OTHER: - Injection Conversion |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><br>10/02/2008 |  |  |   |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/7/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/8/08. On 10/8/08 the csg was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)

API # 43-013-31972

|  |                               |
|--|-------------------------------|
| NAME (PLEASE PRINT) <u>Callie Duncan</u>   | TITLE <u>Production Clerk</u> |
| SIGNATURE <u></u> | DATE <u>10/13/2008</u>        |

(This space for State use only)

**RECEIVED**

**OCT 16 2008**

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Pennis Ingram (Pogn) Date 10/8/08 Time 1200 am pm

Test Conducted by: Gordon Womack

Others Present: \_\_\_\_\_

Well: WD 6-45 9-16

Field: Monument Butte

Well Location: SE/NW Sec 4 T9S R16E  
Duchesne County, UT

API No: 43-013-31972

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1375</u>            | psig |
| 5           | <u>1375</u>            | psig |
| 10          | <u>1375</u>            | psig |
| 15          | <u>1375</u>            | psig |
| 20          | <u>1375</u>            | psig |
| 25          | <u>1375</u>            | psig |
| 30 min      | <u>1375</u>            | psig |
| 35          |                        | psig |
| 40          |                        | psig |
| 45          |                        | psig |
| 50          |                        | psig |
| 55          |                        | psig |
| 60 min      |                        | psig |

Tubing pressure: 0 psig

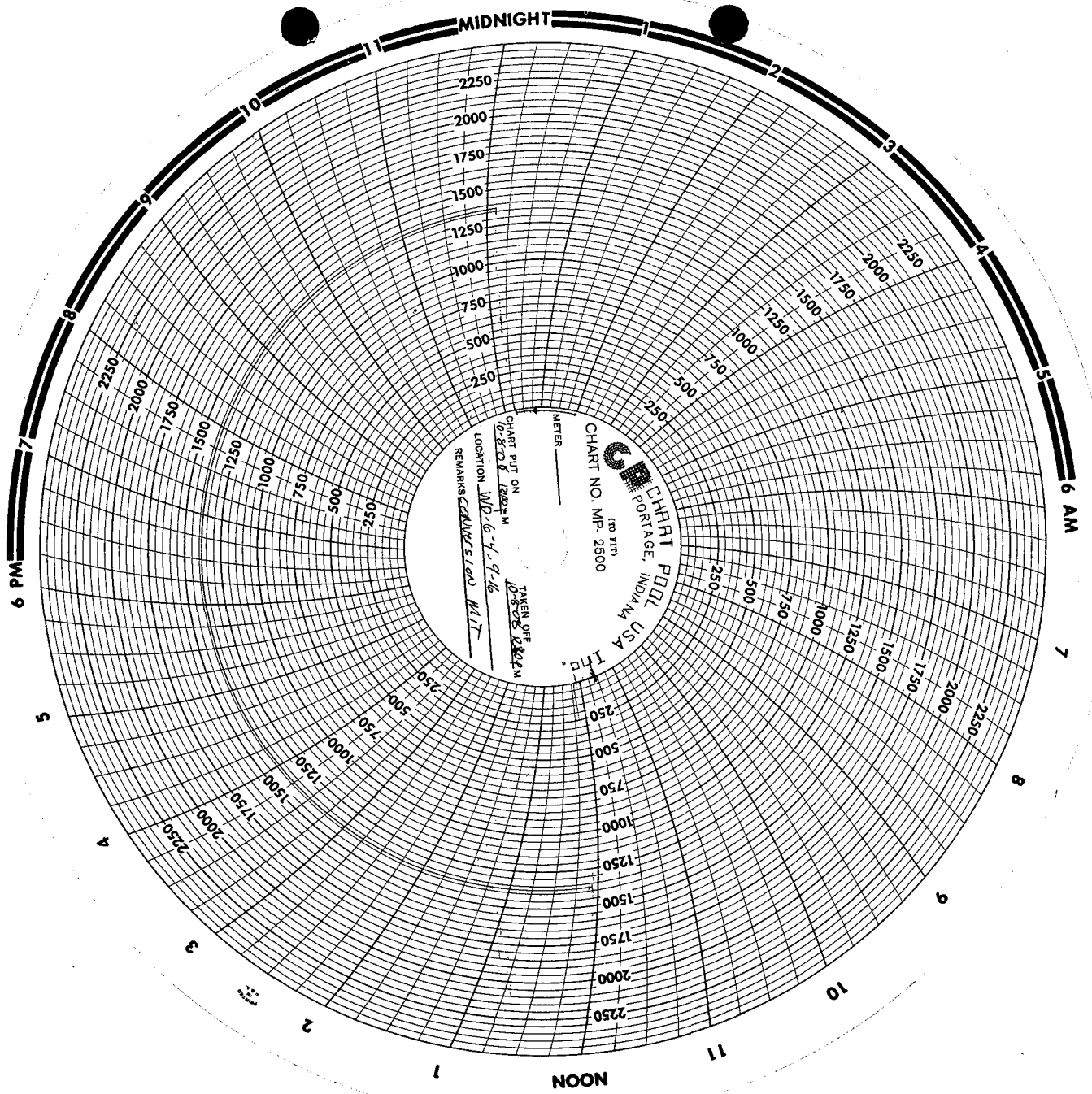
Result:

Pass

Fail

Signature of Witness:

Signature of Person Conducting Test:



**WELLS DRW 6-4G-9-16****7/1/2008 To 11/30/2008****9/24/2008 Day: 1****Conversion**

Stone #5 on 9/23/2008 - MIRU Stone #5. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Reseat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH and LD rod string & pump. Reflushed rods W/ add'l 30 BW on TOH. ND wellhead. Found TA released. NU BOP. SIFN.

---

**9/25/2008 Day: 2****Conversion**

Stone #5 on 9/24/2008 - TOH and talley production tbg--LD btm 35 jts tbg & BHA. Broke each connection, clean & inspect pins and apply Liquid O-ring to pins. Flushed wax f/ tbg ID on TOH. 2 flushes @ 40 bbls each, & pumped 30 BW dn casing while pulling pipe. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new 2 7/8 SN (W/ standing valve in place) & 50 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pressure test tbg to 3000 psi. SIFN.

---

**9/26/2008 Day: 3****Conversion**

Stone #5 on 9/25/2008 - Con't TIH and pressure test injection string (complete as follows): new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide) 2 7/8 SN & 139 jts 2 7/8 8rd 6.5# M-50 tbg. Chased a collar leak for some time. Final test holding 3000 psi. Leave pressure on tbg overnight.

---

**9/27/2008 Day: 4****Conversion**

Stone #5 on 9/26/2008 - Tbg pressure @ 2950 psi. Bump up to 3000 psi--holds solid. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg to set pkr. Takes weight & slips, can only get 2-3 pts overpull before slipping. Tried working pkr in different spots and with various techniques. Same results. NU BOP. TOH W/ tbg--LD pkr. Slips were packed W/ scale. MU new pkr & TIH W/ tbg (same as pulled). SIFN.

---

**9/30/2008 Day: 5****Conversion**

Stone #5 on 9/29/2008 - RU HO trk to tbg & pump 10 bbl pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Held solid for 30 minutes. RIH W/ overshot on sdline. Latch onto & pull standing valve. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4341', CE @ 4345' & EOT @ 4349'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

---

**10/10/2008 Day: 6****Conversion**

on 10/9/2008 - On 10/7/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Wells Draw 6-4G-9-16). Permission was given at that time to perform the test on 10/8/08. On 10/8/08 the csg was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the



**test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-31972**



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-344

**Operator:** Newfield Production Company  
**Well:** Wells Draw Federal 6-4G-9-16  
**Location:** Section 4, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31972  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 22, 2008.
2. Maximum Allowable Injection Pressure: 2,051 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,174' - 5,736')

Approved by:

Gil Hunt  
Associate Director

10-27-08

Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File



|  |  |   |
|--|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.   |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-30096 |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)         |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |  | <b>8. WELL NAME and NUMBER:</b><br>WELLS DRAW 6-4           |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1980 FNL 1980 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SENW Section: 04 Township: 09.0S Range: 16.0E Meridian: S  |  | <b>9. API NUMBER:</b><br>43013319720000                     |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   |  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE      |
| <b>COUNTY:</b><br>DUCHESNE   |  | <b>STATE:</b><br>UTAH                                       |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  |  |   |
| <b>TYPE OF SUBMISSION</b>  | <b>TYPE OF ACTION</b>  |   |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:   | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> WILDCAT WELL DETERMINATION |   |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>9/4/2013  | <input checked="" type="checkbox"/> OTHER  |   |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:  | OTHER: 5 YR MIT  |   |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:   |  |   |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.<br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 09/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/04/2013 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1672 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p> </div> <div style="width: 25%; text-align: center;"> <p><b>Accepted by the<br/>Utah Division of<br/>Oil, Gas and Mining</b></p> <p><b>FOR RECORD ONLY</b></p> <p>September 12, 2013</p> </div> </div> |  |   |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto  | <b>PHONE NUMBER</b><br>435 646-4874  | <b>TITLE</b><br>Water Services Technician                   |
| <b>SIGNATURE</b><br>N/A  | <b>DATE</b><br>9/10/2013   |   |

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Chris Jensen Date 9/4/13 Time 1:10 am ☒ pm  
Test Conducted by: Britt Jensen  
Others Present: \_\_\_\_\_

Well: Wells Draw 6-46-9-16

Field: GMBU

Well Location: SE/NW Sec. 4, T9S, R16E,

API No: 43-013-31972

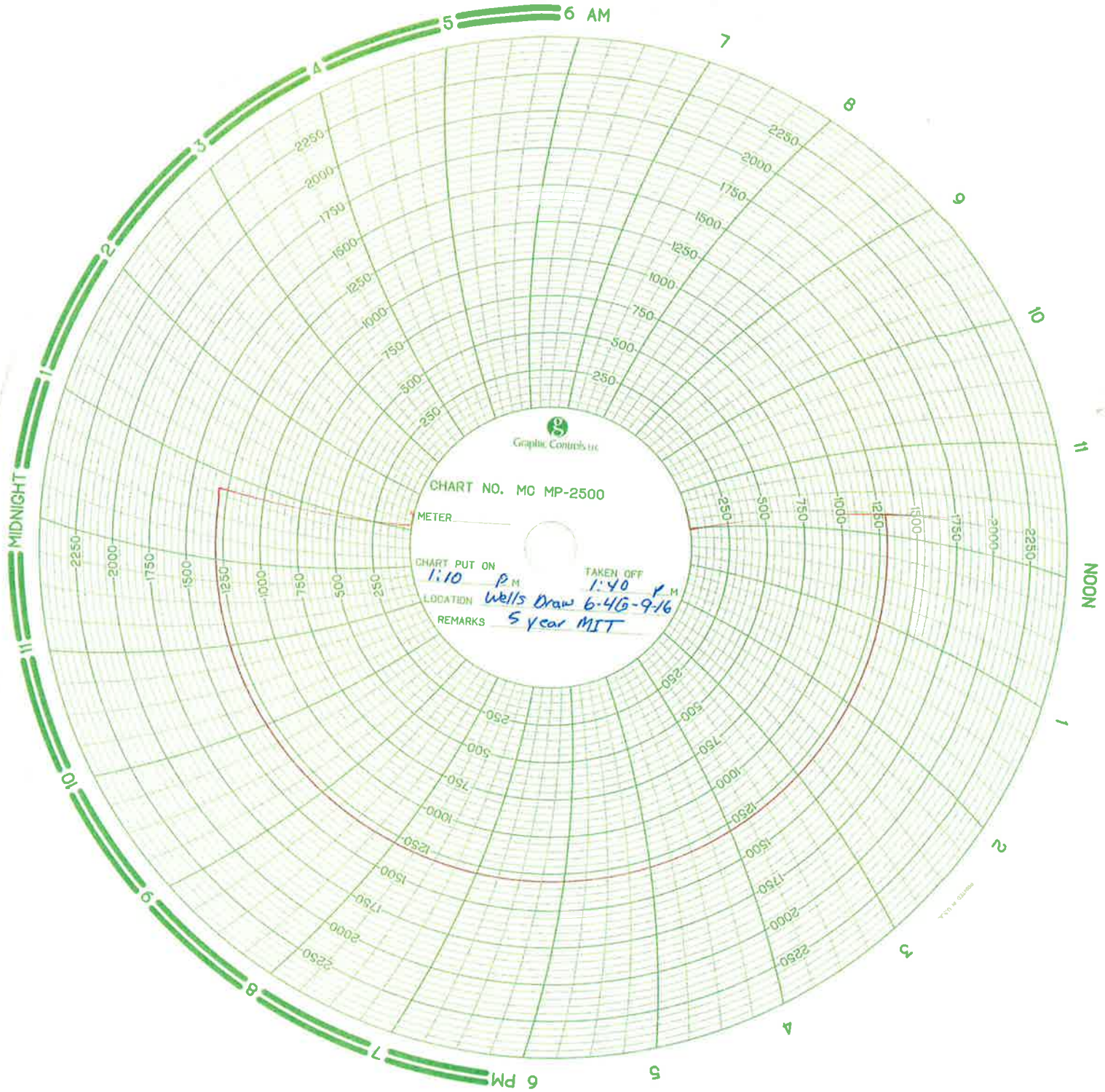
| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1300</u>            | psig |
| 5           | <u>1300</u>            | psig |
| 10          | <u>1300</u>            | psig |
| 15          | <u>1300</u>            | psig |
| 20          | <u>1300</u>            | psig |
| 25          | <u>1300</u>            | psig |
| 30 min      | <u>1300</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 1672 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_





# Wells Draw #6-4-9-16

Spud Date: 1/7/98  
Put on Production: 2/6/98  
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD  
8 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts 5997'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic  
CEMENT TOP AT: Surface per CBL  
SHOE SET AT: 6008'

### TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#  
NO. OF JOINTS: 139 jts. (4328.60")  
SEATING NIPPLE: 2 7/8" (1.10")  
SN LANDED AT: 4340.60'  
TOTAL STRING LENGTH: EOT @ 4349.07' KB

### FRAC JOB

1/30/98 5511'-5569' Frac LDC sands as follows:  
120,300# 20-40 sd in 582 bbls Delta frac.  
Breakdown @ 2640 psi. Treated @ avg press of  
1980 psi w/avg rate of 34.9 BPM. ISIP - 2411  
psi, 5 min 2168 psi. Flowback on 12.64 ck for  
4-1/2 hrs & died.

2/1/98 5328'-5336' Frac A sands as follows:  
81,300# sd in 459 bbls Delta frac.  
Breakdown @ 2501 psi. Treated @ avg press of  
3500 psi w/avg rate of 25 BPM. ISIP - 2094  
psi, 5 min 3041 psi. Flowback on 12.64 ck for  
2-1/2 hrs & died.

2/04/98 4872'-5039' Frac D/C sands as follows:  
113,300# 20-40 sd in 556 bbls Delta frac.  
Breakdown @ 1109 psi. Treated w/avg pres of  
1600 psi w/avg rate of 30 BPM. ISIP - 2094  
psi, 5 min 2026 psi. Flowback on 12.64 ck 2-  
1/2 hrs & died.

1/2/02 Pump change. Update rod and tubing details.

9/5/02 Tubing leak. Update rod and tubing details.

10/24/02 4872'-4889' Refrac D1 sands as follows:  
50,000# 20-40 sand in 203 bbls Viking I-25  
fluid. Treated @ avg pressure of 2280 psi  
w/avg rate of 24.6 BPM. ISIP - 2625 psi. Calc.  
flush: 4872 gals. Actual flush: 4869 gals.

10/24/02 4414'-4428' Frac GB6 sands as follows:  
50,000# 20-40 sand in 214 bbls Viking I-25  
fluid. Treated @ avg pressure of 2013 psi  
w/avg rate of 22.7 BPM. ISIP - 2080 psi. Calc.  
flush: 4414 gals. Actual flush: 4661 gals.

3/1/03 Pump change. Update rod detail.

8/02/04 Tubing Leak. Update tubing and rod detail.

03/28/07 Pump Change. Update rod & tubing details.

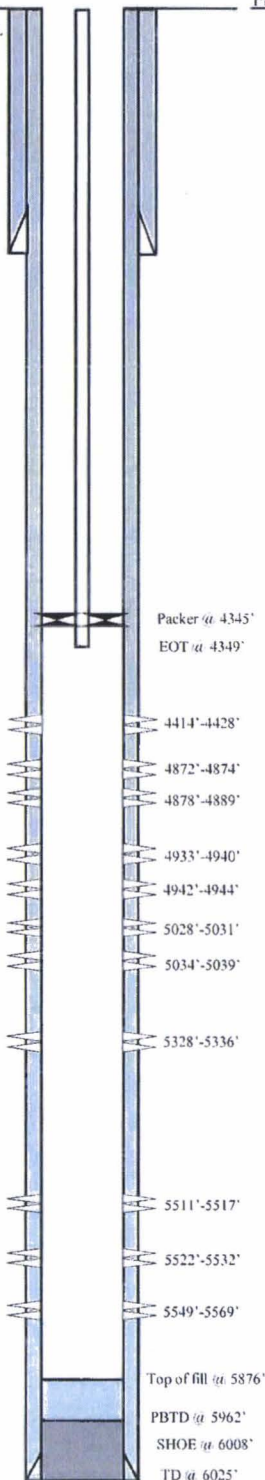
10/09/07 Pump Change. Update rod & tubing details.

10/2/08 Well converted to an Injection Well.

10/13/08 MIT completed and submitted.

### PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 1-29-98  | 5511'-5517' | 4 JSPF | 24 holes |
| 1-29-98  | 5522'-5532' | 4 JSPF | 40 holes |
| 1-29-98  | 5549'-5569' | 4 JSPF | 80 holes |
| 1-31-98  | 5328'-5336' | 4 JSPF | 32 holes |
| 2-03-98  | 4872'-4874' | 4 JSPF | 8 holes  |
| 2-03-98  | 4878'-4889' | 4 JSPF | 44 holes |
| 2-03-98  | 4933'-4940' | 4 JSPF | 28 holes |
| 2-03-98  | 4942'-4944' | 4 JSPF | 8 holes  |
| 2-03-98  | 5028'-5031' | 4 JSPF | 12 holes |
| 2-03-98  | 5034'-5039' | 4 JSPF | 20 holes |
| 10-24-02 | 4414'-4428' | 4 JSPF | 56 holes |



**NEWFIELD**

**Wells Draw #6-4-9-16**

1980' FNL & 1980' FWL

SE/NW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31972; Lease #U-30096